



BOROUGH OF WALLSEND

ANNUAL REPORT

OF THE

MEDICAL OFFICER
OF HEALTH

AND

CHIEF SANITARY
INSPECTOR

FOR THE YEAR

1951

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BOROUGH OF WALLSEND.

Statistics for half year ended 30th June, 1951, with comparable figures for 1950.

	<u>1951.</u>	<u>1950.</u>
Population	48,645 (Census)	48,860 (Est)
Births	496	489
Birth Rate (per 1,000 population)	20.39	20.0
Still Births	21	15
Stillbirth Rate (per 1,000 live and still births).	40.61	29.76
Deaths	308	308
Death Rate per 1,000 population	12.66	12.61
Infant Deaths	26	21
Infant Mortality Rate (per 1,000 live births)	52.4	42.9
Maternal Deaths	1	-
Maternal Mortality Rate (per 1,000 live and still births)	1.9	-
Tuberculosis Deaths -		
Pulmonary	4	8
Other	-	1
All Forms	4	9
Tuberculosis Death Rates (per 1,000 population) -		
Pulmonary	0.164	0.327
Other	-	0.041
All Forms	0.164	0.368
Tuberculosis Notifications -		
Pulmonary	31	48
Other	3	9
All Forms	34	57

FEBRUARY, 1952.

G. McN. Cubie.
MEDICAL OFFICER OF HEALTH.



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BOROUGH OF WALLSEND

SANITARY COMMITTEE

Chairman : THE MAYOR
(ALDERMAN J. A. McFADYEN, J.P.).

Vice-Chairman : ALDERMAN J. RICHARDSON, J.P.

ALDERMEN—

R. A. LOWDON.	J. RICHARDSON, J.P.
J. A. McFADYEN, J.P.	A. SUTHERLAND.

COUNCILLORS—

T. BLACK.	R. PINKNEY.
J. H. BRANCH.	W. RICKELTON.
W. BROWN.	H. W. SANDERSON.
F. J. GRAY.	D. SOWERBY.
J. C. GROGAN.	T. TAYLOR.
K. W. HALL.	E. TURPIN.
M. JOHNSON.	J. WALLER.
C. L. PALMER.	

STAFF OF PUBLIC HEALTH DEPARTMENT.

Medical Officer of Health :

G. McN. CUBIE, M.B., Ch.B., D.P.H.

Assistant Medical Officer of Health :

M. H. McKEITH, M.B., B.S.

Chief Sanitary Inspector :

W. L. BLACK.

Assistant Sanitary Inspectors :

S. S. McINTRYE.	J. A. MURPHY.	R. LOVE.
		(Resigned Oct., 1951).
B. BERRY.	T. MORALEE.	

Clerical Staff :

Chief Clerk : W. MORRISON. *Typist* : F. C. STEEL.
Junior Clerk : W. THOMPSON (absent on National Service)

HEALTH DEPARTMENT,

TOWN HALL,

WALLSEND,

SEPTEMBER, 1952.

To the Mayor, Aldermen, and Councillors of the Borough of Wallsend

Your Worship, Ladies and Gentlemen,

I have the honour to submit for your consideration the Annual Report on the health of the Borough for the year 1951. The year was an important one for Wallsend as it was the fiftieth anniversary of the granting of the Charter of Incorporation.

During the fifty years which have passed since 1901, the population of Wallsend has steadily grown. In 1901, the Registrar General's estimate of the population was 21,000. Each succeeding year saw the number of inhabitants increasing, and in 1910 the figure was 29,500. It was in 1910 that the boundaries of the Borough were extended to include Willington Quay and as a result the annual report for 1911 recorded a population of 41,343. The process continued, with occasional slight fluctuations, over the ensuing years; the 1951 Census recorded a population of 48,645. Tables have been included in this report giving details of some of the statistics during the fifty years. In common with the rest of England and Wales, the Birth Rate has declined from an average of 40 per thousand in the first years of the century to approximately 20 per thousand over the past five years. The Death Rate too has fallen though less markedly; during the first few years of the century it was above 15 per thousand on the average; since 1944 it has remained consistently below 12 per thousand. To a great extent the Infantile Mortality Rate of a town or of a country is a reflection of the social conditions and living standards generally; thus we note that since 1901 when the Infantile Mortality Rate was about 140 per thousand live births there has been a steady fall tending to become more rapid within the past twenty years. Unfortunately, Wallsend, in common with many other industrial areas, has had, with only a few exceptions, an Infantile Mortality consistently higher than that of England and Wales generally; there was no indication in 1951 that this state of affairs had improved. One of the most striking changes during the fifty years has been the fall in the number of deaths due to infectious diseases; in the first years of the century there were from 30 to 40 deaths each year from such diseases as Smallpox, Typhoid Fever, Scarlet Fever, Diphtheria, Whooping Cough and Measles; in 1951 there were no deaths from any of these diseases. However, although there has been an improvement, there is considerable scope for further work in preventing disease; to mention only two fields, pulmonary tuberculosis and infantile mortality, it might be possible to make further advances by applying the knowledge available at the present day and by improving the living conditions of people in the older and congested areas of the Borough.

During the celebrations of Wallsend's Jubilee an exhibition was held on the Village Green from the 9th to 16th June. In addition to statistical information and illustrations of the development of Wallsend, the Health Department exhibit included a Clean Food Display ; a model shop with a model shop assistant illustrated all the ways in which food could be protected from contamination. Later on in the year, from 26th November to 1st December, a Clean Food and Health Exhibition was held at the Health Centre. The main exhibit was the Ministry of Food's " Food Hygiene Display " ; other exhibits included displays by the Northern Gas Board, North Eastern Electricity Board, Ministry of Agriculture and Fisheries, Blood Transfusion Service, Accident Prevention, Wallsend Borough Health Department, the Northumberland County Council Maternity and Child Welfare and Blind Welfare and the Wallsend Personal Welfare Organisation. Health films were shown. In addition there was a Mass Miniature Radiography Unit at the Health Centre during the same period.

Continuing the work already done, the Wallsend Food Traders' Guild began the issue of Clean Food Badges in September and by the end of the year 27 premises had qualified for badges. The Wallsend Food Traders' Guild was constituted as a voluntary organisation controlled by the food traders with the Borough Council giving every possible assistance, and with the Medical Officer of Health and Chief Sanitary Inspector acting as advisers. While it would be correct to say that considerable progress has been made and that there has been evidence of a general raising of standards of hygiene throughout the Borough, there is no doubt that food continues to be sold under conditions which the citizens of Wallsend ought to refuse to accept. Unfortunately, there seems to be a considerable amount of indifference to whether food is handled in a clean and hygienic manner or not, as far as the public is concerned. We will not have reached our goal until the average individual refuses to accept uncleanness in a food shop and ceases to patronise shops in which food hygiene is ignored. One of the encouraging features of the results achieved so far has been the improvement made by many small shops with limited resources but an abundance of enthusiasm. This has had the effect of emphasising the surprising indifference of some of the larger shops selling food in Wallsend ; apparently confident of their ability to retain their customers irrespective of the conditions under which they sell food, they have made little or no effort to improve their premises.

Turning now to the statistics for 1951, the Birth Rate remained almost exactly the same 18.48 (England and Wales 15.5) compared with 18.8 in 1950 (England and Wales 15.8). The Death Rate dropped from 11.9 per thousand population in 1950 (England and Wales 11.6) to 11.3 in 1951 (England and Wales 12.5). Out of a total of 898 births which took place in Wallsend, only one Maternal Death was recorded.

In 1951 the Infantile Mortality rose from 36.8 in 1950 to 40 per thousand live births. This was the first break in the steady fall which has continued since 1948 and was, unfortunately, in con-

trast to the rate for the country generally (England and Wales 29.8 in 1950 and 29.6 in 1951). Thus Wallsend shared with other similar industrial areas the bad record of an Infantile Mortality Rate above the average for the remainder of the country. There is no doubt that, apart from the need for improved housing conditions, the education of a certain proportion of mothers in the care of young children is required.

The number of notifications of Pulmonary Tuberculosis rose from 76 in 1950 to 91 in 1951. While an increase of this nature is always unwelcome, it may be partly due to the growing readiness of the population to submit themselves for examination and the use of Mass X-Ray facilities. In any case, as I mentioned previously, it is still essential to treat Tuberculosis with the greatest of respect; the Wallsend Council has shown by its housing policy that it is fully aware of the dangers of Tuberculosis and it is to be hoped that the years to come will show the wisdom of what has been done.

I would like to express my thanks to the Chairman and Members of the Sanitary Committee for their kind encouragement and to the Assistant Medical Officer of Health, the Chief Sanitary Inspector and the staff of the Health Department for their assistance. I would like to thank the Chief Clerk for his work in preparing the statistical material and graphs in this report.

I am,

Your obedient servant,

G. McN. CUBIE,

Medical Officer of Health.

SUMMARY OF STATISTICS—1951.

(1) Population at 1951 Census	...	...	48,645
(2) Population 1951	...	...	48,570
Registrar General's Estimate			
(3) Area of Borough	...	...	3,543.993 acres
(4) Birth Rate (per 1,000 of the Estimated Resident Population)	...	...	18.48
(5) Death Rate (per 1,000 of the Estimated Resident Population)	...	...	11.24
(6) Infant Mortality Rate (per 1,000 live births)			40.0
(7) Neo-Natal Mortality Rate	...	...	20.04
(8) Maternal Mortality Rate (per 1,000 live births)	...	...	1.11
(9) Tuberculosis Death Rates (per 1,000 population) :—			
(a) All forms	...	...	0.31
(b) Pulmonary	...	...	0.22
(c) Non-Pulmonary	...	...	0.08
(10) Infectious Diseases Death Rate (per 1,000 Population)	...	...	0.86
(11) Number of Inhabited Houses at end of 1951 (Estimated)	...	...	14,104
(12) Rateable Value (at 31/3/51)	...	...	£251,239
(13) Product of a penny rate	...	...	£1,001 15s. 8d.

GENERAL STATISTICS.

Population.—The mid-year population as estimated by the Registrar General was 48,570 a decrease of 290 from the 1950 figure.

Births.—There were 898 live births recorded representing a birth rate of 18.48 per 1,000 population as compared with a rate of 18.87 in 1950. The rate remains higher than that for England and Wales (15.5).

In addition, there were 30 still births representing a still-birth rate of 32.3 per 1,000 live and still births. There were 23 illegitimate births (2.56 per cent. of the total live births).

Deaths.—The total number of deaths of Wallsend residents was 546, equivalent to an annual death rate of 11.24 per 1,000 of the population as compared with a rate of 11.89 in 1950 and 11.55 in 1949. The death rate for England and Wales in 1951 was 12.5, the rate for 126 large towns was 13.4, and for the 148 smaller towns 12.5.

Infantile Mortality.—36 infants died before completing the first year of life as compared with 34 in 1950. This represents a rate per thousand live births of 40.0. The corresponding rate for 1951 for England and Wales was 29.6, for 126 large towns, 33.9, and for the 148 smaller towns, 27.6.

Tuberculosis.—The number of new cases notified was 106 (91 pulmonary) as compared with 90 (76 pulmonary) in 1950. The number of deaths fell from 18 (15 pulmonary) in 1950, to 15 (11 pulmonary) in 1951.

The death rate per 1,000 population from Tuberculosis was 0.31 (0.37 in 1950) compared with 0.31 for England and Wales, 0.37 for 126 large towns and 0.31 for 148 smaller towns.

Infectious Diseases.—There was a great decrease in the number of cases of infectious diseases in 1951, 644 cases being notified compared with 1,472 in 1950. The decrease was entirely due to the drop in the notification of Measles. The total number of deaths due to infectious diseases was 42 (15 due to Tuberculosis) compared with 32 in 1950 (18 due to Tuberculosis).

SOCIAL CONDITIONS.

The Municipal Borough of Wallsend with an area of 3,543.933 acres and a river frontage of 2.1 miles on the North bank of the River Tyne, is situated between the City and County of Newcastle upon Tyne on the west and the County Borough of Tynemouth on the east in both of which directions it is already built up so that all future housing or industrial development can be established northwards only.

The area is almost entirely an industrial one, the chief industries being shipbuilding and repairing, marine and general engineering, rope making, as well as coal mining and coal export.

The larger firms operate welfare schemes and provide canteen and recreation facilities for their employees besides which the local Colliery Welfare Scheme has established pit-head baths.

Employment.—During the year there were 426 people registered as unemployed in the Borough out of a total insured population of 24,037.

(1) STATEMENT OF NUMBERS OF INSURED PERSONS REGISTERED AS UNEMPLOYED.

Local Offices : Wallsend and Willington Quay.

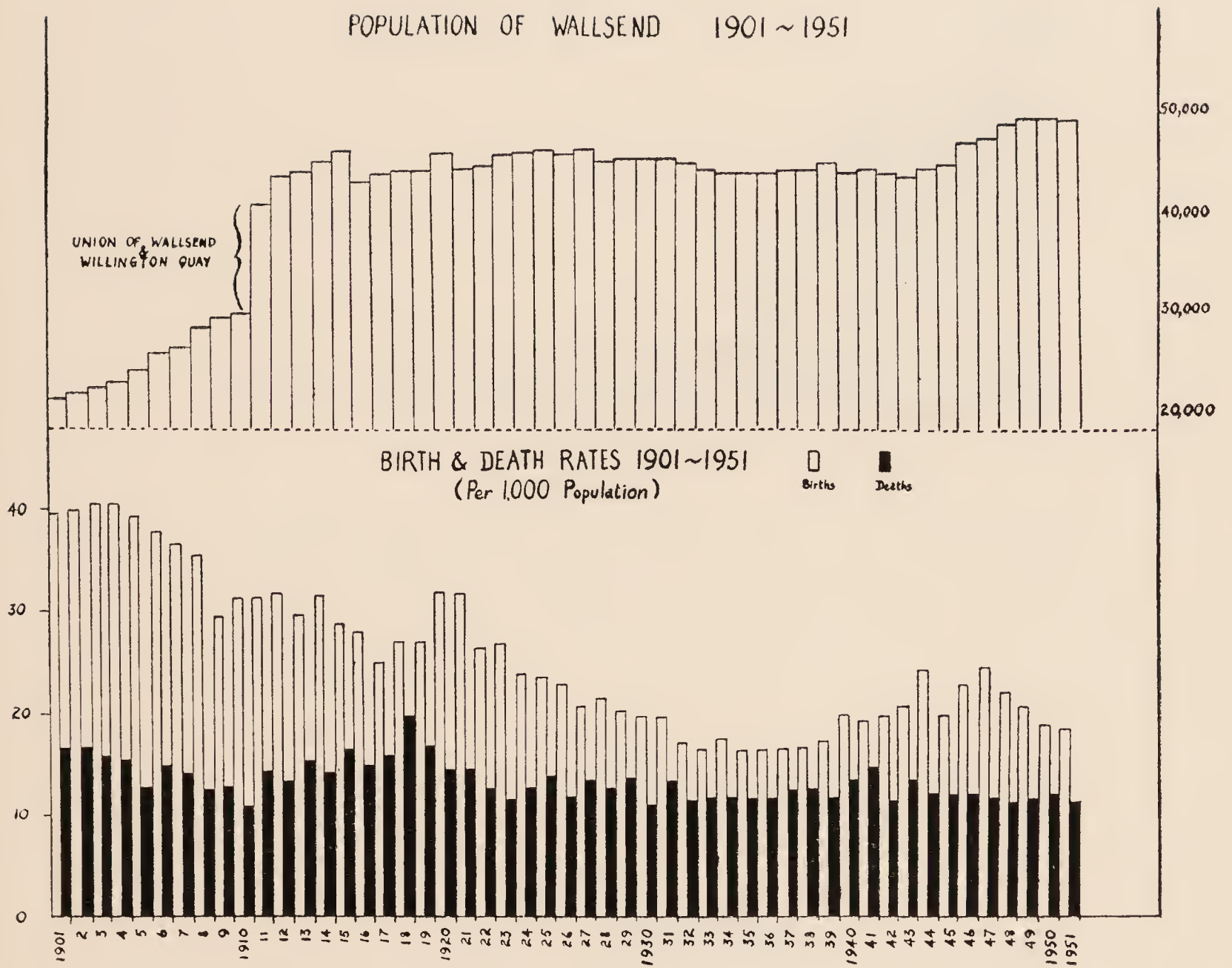
Date : 10th December, 1951.

<i>Men</i>	<i>Women</i>	<i>Young Men</i>	<i>Young Women</i>	<i>Total</i>
252	168	4	2	426

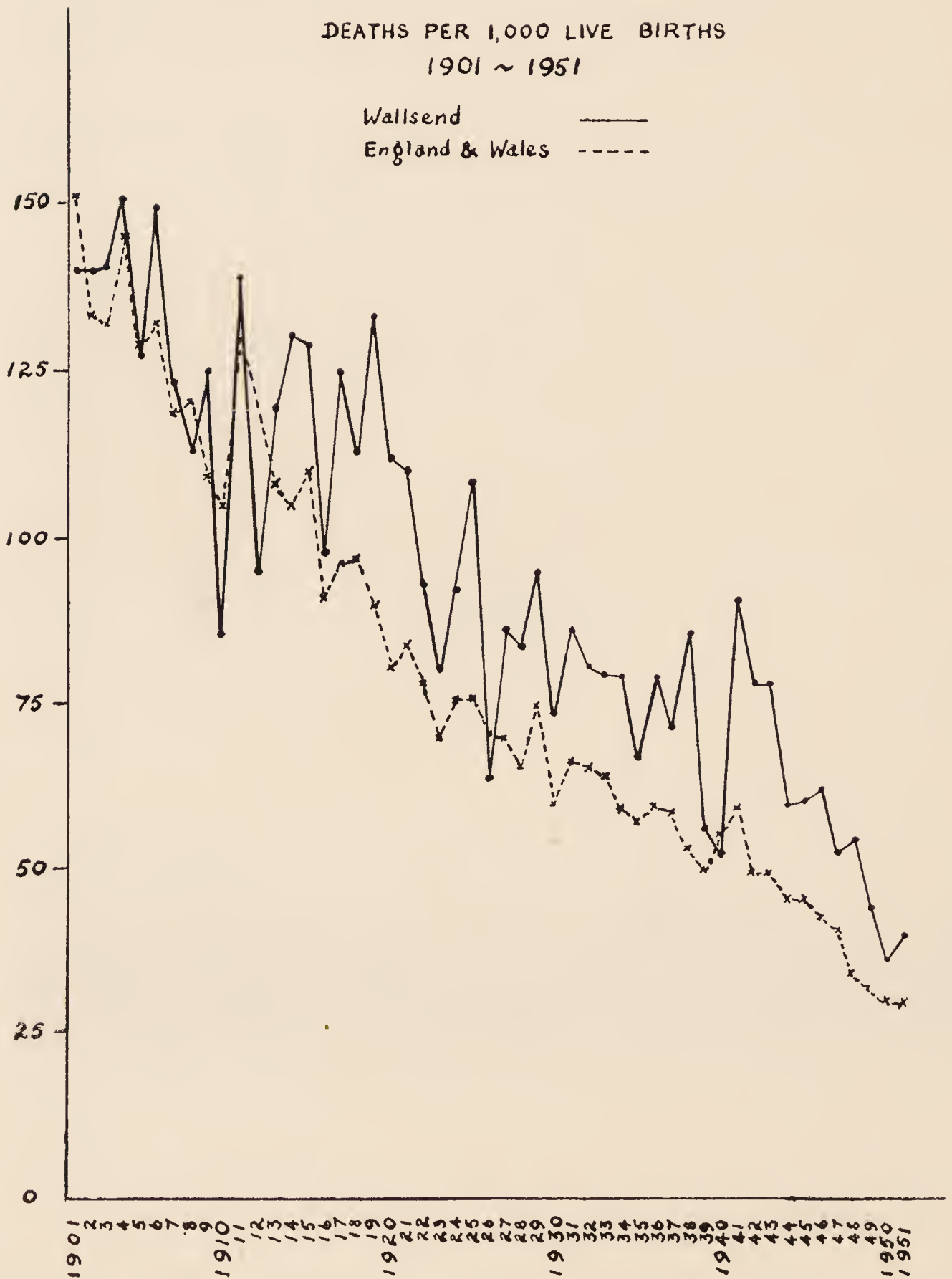
(2) INSURED EMPLOYEES (OFFICIAL ESTIMATE AS AT JUNE, 1951)

<i>Men</i>	<i>Women</i>	<i>Young Men</i>	<i>Young Women</i>	<i>Total</i>
17,988	4,181	1,064	804	24,037

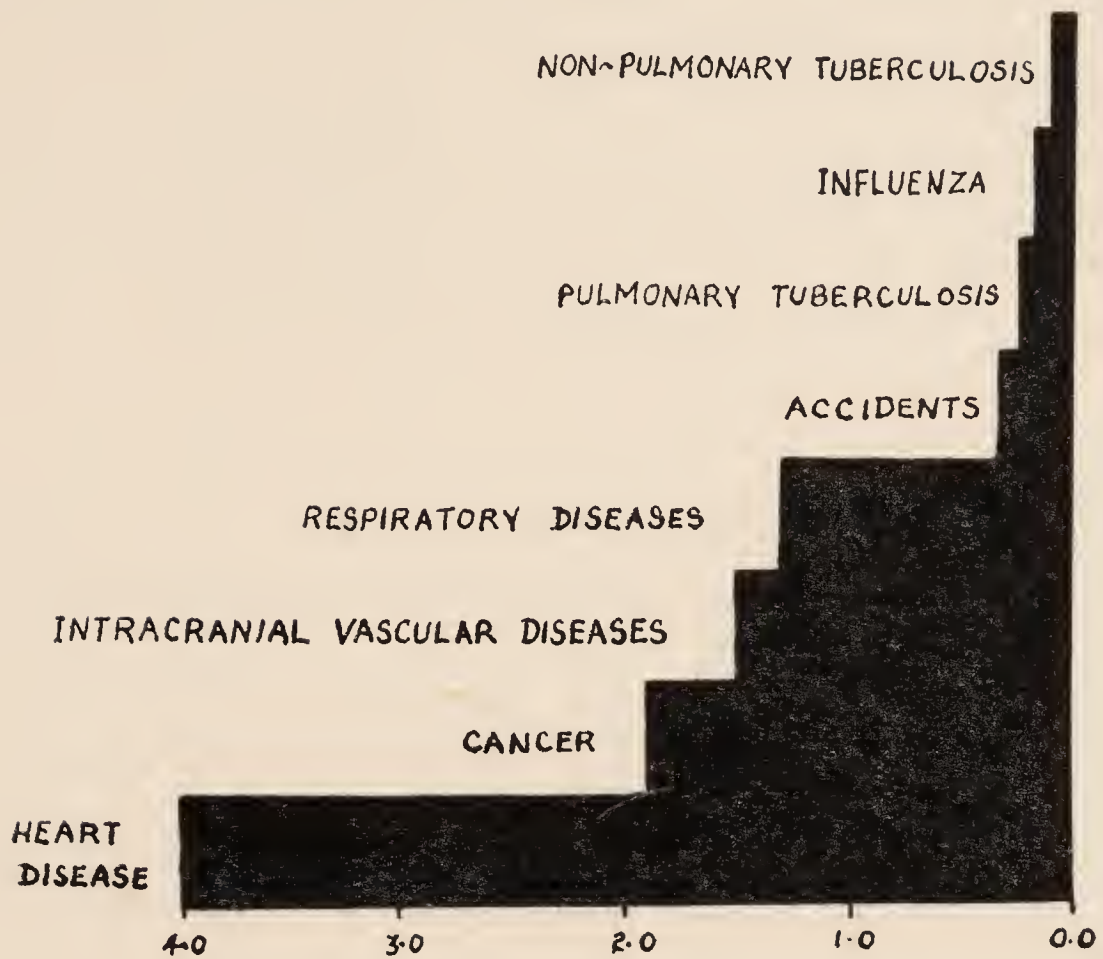
POPULATION OF WALLSEND 1901 ~ 1951



INFANTILE MORTALITY.



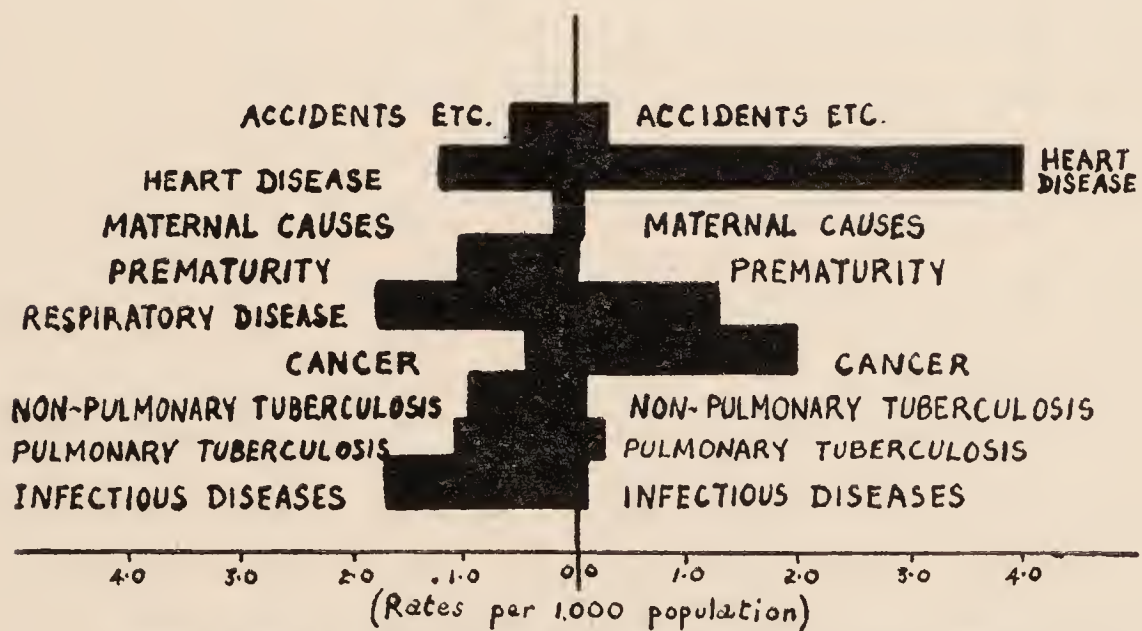
PRINCIPLE CAUSES OF DEATH ~ 1951
(Rates per 1,000 Population)



PRINCIPLE CAUSES OF DEATH AT BEGINNING AND END OF FIFTY YEAR PERIOD.

1903

1951



Taking 1903 as a typical year at the beginning of the century, the diagram compares causes of death. The diagram is intended to give a general impression only and is not strictly accurate owing to changes in the classification of the causes of death.

Vital Statistics of Whole District during 1951 and Previous Years.

Year	Population estimated to Middle of each Year.	Births.			Total deaths Registered in the District.		Transferable Deaths.		Net Deaths belonging to the District.			
		Uncorrected Number.	Net.		Number.	Rate.	Of Non-residents registered in the District.	Of Residents not registered in the District.	Under 1 yr.		At all ages.	
			Number.	Rate.					Number.	Rate per 1,000 Net Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1913	43,700	1287	1297	29.7	571	13.1	5	93	154	119.5	659	15.1
1914	44,570	1396	1403	31.4	530	11.8	3	96	184	131.1	623	13.9
1915	45,700	1297	1305	28.6	640	14.0	5	105	168	128.7	740	16.2
1916	42,706	1287	1297	27.9	528	12.3	11	112	127	97.9	629	14.7
1917	43,358	1207	1207	24.9	619	14.2	—	63	151	125.1	682	15.7
1918	43,593	1314	1314	26.9	761	17.4	22	112	149	113.3	851	19.5
1919	43,689	1227	1227	26.9	618	14.1	19	123	164	133.6	722	16.5
1920	45,430	1457	1457	31.8	543	11.9	11	111	163	111.9	643	14.1
1921	43,880	1347	1393	31.7	529	12.5	4	95	154	110.5	620	14.1
1922	44,070	1101	1156	26.2	463	10.5	8	89	107	92.6	544	12.3
1923	45,030	1115	1211	26.8	423	9.3	7	94	96	79.2	510	11.3
1924	45,480	1030	1089	23.9	455	10.0	5	119	100	91.8	569	12.5
1925	45,620	1007	1068	23.4	482	10.5	5	148	116	108.6	625	13.7
1926	45,080	1008	1029	22.8	391	8.6	4	141	65	63.1	528	11.7
1927	45,730	933	945	20.6	478	10.4	9	140	81	85.7	609	13.2
1928	44,440	928	951	21.4	398	8.9	5	157	79	83.07	550	12.4
1929	44,800	894	900	20.09	432	9.6	9	176	85	94.4	599	13.4
1930	44,800	886	882	19.68	347	7.7	8	152	64	72.5	491	10.9
1931	44,870	933	885	19.71	458	10.2	7	139	76	85.9	590	13.1
1932	44,340	832	759	17.0	375	8.5	10	125	61	80.3	500	11.3
1933	43,950	815	717	16.3	370	8.6	6	147	56	78.1	511	11.6
1934	43,660	868	768	17.5	380	8.7	12	146	60	78.1	514	11.7
1935	43,660	899	711	16.2	347	7.9	9	172	48	66.1	510	11.6
1936	43,640	925	711	16.29	362	8.2	5	157	56	78.7	514	11.7
1937	43,850	994	726	16.5	383	8.7	8	167	53	71.6	542	12.3
1938	43,970	973	736	16.7	408	9.3	17	154	63	85.5	545	12.4
1939												
(a)	45,220	932	781	17.27	374	8.3	22	160	44	56.9	512	11.49
(b)	44,430											
1940	43,540	899	863	19.8	444	10.2	18	153	45	52.1	579	13.3
1941	43,890	805	847	19.2	473	10.7	27	193	77	90.9	639	14.5
1942	43,420	814	855	19.7	404	9.3	26	116	66	77.1	494	11.3
1943	43,040	878	893	20.7	412	9.5	19	172	69	77.2	565	13.1
1944	43,960	1034	1065	24.2	501	11.1	21	156	63	59.1	526	11.9
1945	44,240	1061	875	19.77	400	9.04	22	144	54	61.7	522	11.8
1946	46,410	1209	1058	22.79	398	8.57	12	170	66	62.3	556	11.9
1947	46,980	1252	1157	24.62	419	8.91	14	146	61	52.7	551	11.7
1948	48,270	1246	1061	21.98	424	8.7	33	146	58	54.6	537	11.1
1949	48,830	1160	1013	20.74	448	9.1	31	147	45	44.4	564	11.55
1950	48,860	908	922	18.87	457	9.3	19	143	34	36.8	581	11.89
1951	48,570	1197	898	18.48	419	8.6	13	140	36	40.0	546	11.24

Birth rates, Civilian Death-rates, Analysis of Mortality,
Maternal Mortality and Case-rates for certain Infectious
Diseases in the year 1951.

England and Wales, London,
126 Great Towns and 148
Smaller Towns.

(Provisional Figures based on Weekly and Quarterly Returns).

	ENGLAND AND WALES	126 County BOROUGHs AND GREAT TOWNS INCLUDING LONDON.	148 SMALLER TOWNS (RESIDENT POPULATIONS 25,000 TO 50,000 AT 1931 CENSUS.	LONDON ADMINISTRATIVE COUNTY	Wallsend
Rates per 1,000 Home Population.					
Births :					
Live	15.5	17.3	16.7	17.8	18.48
Still	0.36	0.45	0.38	0.37	0.62
Deaths :					
All Causes	12.5	13.4	12.5	13.1	11.24
Typhoid & Paratyphoid Fever	0.00	0.00	0.00	0.00	—
Whooping Cough ...	0.01	0.01	0.01	0.01	0.00
Diphtheria	0.00	0.00	0.00	0.00	0.00
Tuberculosis	0.31	0.37	0.31	0.38	0.31
Influenza	0.38	0.36	0.38	0.23	0.10
Smallpox	0.00	0.00	0.00	0.00	—
Acute Poliomyelitis in- cluding Polioencephal- itis	0.00	0.01	0.01	0.00	0.02
Pneumonia	0.61	0.65	0.63	0.61	0.51
Notifications : (corrected)					
Typhoid Fever... ..	0.00	0.00	0.00	0.01	—
Paratyphoid Fever ...	0.02	0.03	0.02	0.01	—
Meningococcal Infection	0.03	0.04	0.03	0.03	0.08
Scarlet Fever	1.11	1.20	1.20	1.10	0.96
Whooping Cough ...	3.87	3.62	4.00	3.11	3.06
Diphtheria	0.02	0.02	0.03	0.01	0.02
Erysipelas	0.14	0.15	0.12	0.15	0.08
Smallpox	0.00	0.00	0.00	—	—
Measles	14.07	13.93	14.82	14.64	5.04
Pneumonia	0.99	1.04	0.96	0.72	1.4
Acute Poliomyelitis inc- cluding Polioencephalitis					
Paralytic	0.03	0.03	0.03	0.02	0.04
Non-paralytic ...	0.02	0.02	0.03	0.02	0.06
Food Poisoning ...	0.13	0.15	0.08	0.23	—
Rates per 1,000 Live Births.					
Deaths :					
All causes under 1 year of age	29.6(a)	33.9	27.6	26.4	40.0
Enteritis and diarrhoea under 2 years of age	1.4	1.6	1.0	0.7	1.11
Rates per 1,000 Total (Live and Still) Births.					
Notifications (Corrected)					
Puerperal fever and Pyrexia	10.66	13.77	8.08	14.90	4.31

(a) Per 1,000 related live births.

MATERNAL MORTALITY IN ENGLAND AND WALES.

Intermediate List No. and cause		Number of Deaths	Rates per 1,000 Total (Live and Still) Births	Rates per million women aged 15—44	WALLSEND Rates per 1,000 Total (Live and Still) Births
A115	Sepsis of pregnancy, childbirth and the puerperium ...	70	0.10	—	1.08
A116	Abortion with toxæmia ...	3	0.00	0	
	Other toxæmias of pregnancy and the puerperium ...	167	0.24	—	
A117	Haemorrhage of pregnancy and childbirth ...	91	0.13	—	
A118	Abortion without mention of sepsis or toxæmia ...	37	0.05	4	
A119	Abortion with sepsis ...	66	0.09	7	
A120	Other complications of preg- nancy, childbirth and the puerperium ...	125	0.18	—	

There was one maternal death in Wallsend in 1951, representing a rate of 1.11 per 1,000 live births.

The following table shows the classification of deaths from all causes (Registrar-General's figures) :—

CAUSES OF DEATH.								MALES	FEMALES
ALL CAUSES	...	...	...	...	...	...	...	319	227
1	Tuberculosis, respiratory	...	...	...	...	...	...	8	3
2	Tuberculosis, other	...	...	...	...	...	...	2	2
3	Syphilitic disease	...	...	...	...	...	...	1	0
4	Diphtheria	...	...	...	...	...	...	0	0
5	Whooping Cough	...	...	...	...	...	...	0	0
6	Meningococcal infections	...	...	...	...	...	...	0	1
7	Acute Poliomyelitis	...	...	...	...	...	...	0	1
8	Measles	...	...	...	...	...	...	0	0
9	Other infective and parasitic diseases	...	...	...	...	...	...	0	0
10	Malignant neoplasm, stomach...	...	...	...	...	...	...	17	8
11	Malignant neoplasm, lung, bronchus	...	...	...	...	...	...	17	1
12	Malignant neoplasm, breast	...	...	...	...	...	...	0	2
13	Malignant neoplasm, uterus	...	...	...	...	...	...	0	6
14	Other malignant and lymphatic neoplasms	...	...	...	...	...	...	24	16
15	Leukaemia, aleukaemia	...	...	...	...	...	...	0	2
16	Diabetes	...	...	...	...	...	...	1	2
17	Vascular lesions of nervous system	...	...	...	...	...	...	40	31
18	Coronary disease, angina	...	...	...	...	...	...	46	12
19	Hypertension with heart disease	...	...	...	...	...	...	6	10
20	Other heart disease	...	...	...	...	...	...	44	65
21	Other circulatory disease	...	...	...	...	...	...	4	2
22	Influenza	...	...	...	...	...	...	6	2
23	Pneumonia	...	...	...	...	...	...	20	5
24	Bronchitis	...	...	...	...	...	...	22	14
25	Other diseases of respiratory system	...	...	...	...	...	...	3	0
26	Ulcer of stomach and duodenum	...	...	...	...	...	...	4	0
27	Gastritis, enteritis and diarrhoea	...	...	...	...	...	...	2	1
28	Nephritis and nephrosis	...	...	...	...	...	...	2	0
29	Hyperplasia of prostate	...	...	...	...	...	...	2	0
30	Pregnancy, childbirth, abortion	...	...	...	...	...	...	0	1
31	Congenital malformations	...	...	...	...	...	...	2	1
32	Other defined and ill-defined diseases	...	...	...	...	...	...	34	35
33	Motor vehicle accidents	...	...	...	...	...	...	3	0
34	All other accidents	...	...	...	...	...	...	7	4
35	Suicide	...	...	...	...	...	...	2	0
36	Homicide and operations of war	...	...	...	...	...	...	0	0

Although there is substantial agreement between the Registrar-General's classification and the local tabulation, discrepancy sometimes arises owing to modification in the light of further information obtained by the Registrar General's enquiries in indefinite cases.

CHIEF CAUSES OF MORTALITY DURING THE YEAR.

					<i>No. of Deaths.</i>	<i>Percentage of total Deaths.</i>
Heart Disease	...	...	...	...	183	33.51
Tuberculosis (all forms)	...	...	...	...	15	2.74
Vascular Lesions of Nervous System	...	...	...	...	71	13.00
Cancer...	...	...	...	...	91	16.66
Pneumonia	...	...	...	...	25	4.58
Bronchitis	...	...	...	...	34	6.23
Influenza	...	...	...	...	8	1.46
Other defined and ill-defined diseases	...	...	...	...	69	12.64
All other accidents	...	...	...	...	11	2.01

	Total.	Male.	Female.	
Deaths	... 546	319	227	Death Rate per 1,000 of the estimated resident population 11.24

The death rate for Wallsend as compared with that for the country generally is as hereunder :—

					Per 1,000 Population.
England and Wales	...	...	...	...	12.5
126 County Boroughs and Great Towns	...	...	...	...	13.4
148 Smaller Towns	...	...	...	...	12.5
London	...	...	...	...	13.1
Wallsend	...	...	...	...	11.24

Deaths from Puerperal Causes (Maternal Mortality)—

Pregnancy, childbirth, abortion	1
---------------------------------	-----	-----	-----	---

This means a Maternal Mortality Rate of 1.11 per 1,000 live births.

INFANT MORTALITY.

Death Rate of Infants under one year of age (Infantile Mortality)—

All Infants per 1,000 live births	...	...	...	40.0
Legitimate Infants per 1,000 legitimate live births	...	...	...	40.0
Illegitimate Infants per 1,000 illegitimate live births...	...	...	...	—

Death rate of Infants under 4 weeks of age—

All Infants per 1,000 live births	...	...	...	20.04
Legitimate Infants per 1,000 legitimate live births	...	...	...	20.04
Illegitimate Infants per 1,000 illegitimate live births...	...	...	...	—

Comparison with previous infant mortality in Wallsend :—

1916	97.9	1928	83.07	1940	52.1
1917	125.1	1929	94.4	1941	90.9
1918	113.3	1930	72.5	1942	77.1
1919	133.6	1931	85.8	1943	77.2
1920	111.9	1932	80.3	1944	59.1
1921	110.5	1933	78.1	1945	61.7
1922	92.6	1934	78.1	1946	62.3
1923	79.2	1935	66.1	1947	52.7
1924	91.8	1936	78.7	1948	54.6
1925	108.6	1937	71.6	1949	44.4
1926	63.1	1938	85.5	1950	36.8
1927	85.7	1939	56.9	1951	40.0

The following table shows the number of infant deaths and infant mortality rates for each of the municipal wards :—

INFANT DEATHS AND INFANT MORTALITY RATES
IN EACH WARD FOR 1951.

WARDS.				Births. Assigned to Wards.	Deaths. under 1 year.	Death rate per 1,000 Births.
Northumberland	...	...	...	6	—	—
Wallsend	...	...	...	648	7	10.8
Carville	...	...	...	36	2	55.5
Buddle	...	...	...	61	4	65.6
Holy Cross	...	...	...	22	2	90.9
Hadrian	...	...	...	25	3	120.0
Willington	...	...	...	365	14	38.3
Willington Quay	...	...	...	12	—	—
Howdon	...	...	...	22	4	181.8
Totals	...	...	...	1197	36	30.0

The Registrar-General's return records 36 deaths among infants under one year, during 1951, which, with 898 births shews an infantile mortality rate of 40.0 per 1,000 births compared with 36.8 in 1950.

Of the 36 deaths, 28 occurred among males and 8 among females, an infant mortality rate of 61.5 and 18.0 per 1,000 male and female births respectively.

There were no deaths of illegitimate children.

The principal causes of Infant Deaths under one year, were :—

Premature Birth	...	...	...	...	6
Birth Injury	...	...	...	...	3
Congenital Malformations			...	...	3
Atrophy, Debility and Marasmus				...	2
Suffocation, Overlying	...	...	...	...	3
Pneumonia (all forms)	...	...	...	...	10
Bronchitis	...	...	...	...	2
Ill-defined Diseases	...	...	...	...	3

Natural Increase of Population.—The number of births in excess of deaths during 1951 was 352 as compared with 341 in 1950 and 449 in 1949.

<i>Age at Death.</i>				<i>No. of Deaths.</i>	<i>Percentage of Total.</i>
Under one year	...	...	...	36	6.59
1— 4 years	...	...	...	3	0.55
5—14 „	...	...	...	1	0.18
15—24 „	...	...	...	3	0.55
25—44 „	...	...	...	44	8.06
45—64 „	...	...	...	134	24.55
65—74 „	...	...	...	151	27.66
75 years and upwards	...	...	...	174	31.86

Causes of, and Ages at, Death during the year 1951.

CAUSES OF DEATH.	All Ages	under 1	1 to 4	5 to 14	15 to 24	25 to 44	45 to 64	65 to 74	75 & up- wards	North- berland	Wallsend	Carville	Buddle	Holy Cross	Hadrian	Willington	Willington Quay	Howdon
(1) Tuberculosis, respiratory	11	...	...	...	...	8	1	2	...	1	...	3	1	1	1	...	2	2
(2) Tuberculosis, other	4	...	...	...	1	2	...	1	...	...	...	2	1	...	...	...	...	1
(3) Syphilitic Diseases	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(4) Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(5) Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(6) Meningococcal Infection	1	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...
(7) Acute Poliomyelitis	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(8) Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(9) Other Infective and Parasitic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(10) Malignant Neoplasm, stomach	25	...	...	...	...	1	10	6	8	1	3	4	6	2	...	7	...	2
(11) " lung, bronchus	18	...	...	...	1	3	10	4	...	2	2	2	2	...	2	7	1	...
(12) " breast	2	...	...	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...
(13) " uterus	6	...	...	...	...	...	5	1	...	2	...	1	2	...	...	...	...	...
(14) Other Malignant and Lymphatic Neoplasms	40	...	...	...	...	5	7	17	11	2	5	3	10	4	4	6	2	4
(15) Leukaemia, Aleukaemia	2	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	2
(16) Diabetes	3	...	...	...	...	1	2	...	...	...	...	1	1	...	...	...	1	...
(17) Vascular Lesions of Nervous System	71	...	...	...	...	3	19	27	22	1	10	5	20	10	4	10	3	8
(18) Coronary Disease, Angina	58	...	...	...	...	3	20	22	13	4	2	9	15	6	3	13	...	6
(19) Hypertension with Heart Disease	16	...	...	...	...	...	4	9	3	2	2	2	5	1	2	1	...	1
(20) Other Heart Disease	109	...	...	1	...	3	21	27	57	9	12	8	35	8	7	19	5	6
(21) Other Circulatory Diseases	6	...	...	...	...	...	3	2	1	...	...	1	3	...	...	1	...	1
(22) Influenza	8	...	...	...	...	...	3	2	3	...	...	1	3	1	...	...	1	...
(23) Pneumonia	25	...	...	...	...	1	3	3	8	...	...	2	5	...	6	5	1	1
(24) Bronchitis	36	...	1	...	...	1	9	11	12	1	2	4	7	3	...	11	1	7
(25) Other Diseases of Respiratory System	3	...	...	...	...	1	1	...	...	...	...	...	...	...	1	2	...	...
(26) Ulcer of Stomach and Duodenum	4	...	...	...	...	...	3	1	...	...	...	1	...	...	1	1	...	1
(27) Gastritis, Enteritis and Diarrhoea	3	1	...	...	...	...	1	...	1	...	1	...	2	...	...	...	...	...
(28) Nephritis and Nephrosis	2	...	...	...	...	...	...	2	...	...	...	...	...	...	...	1	...	...
(29) Hyperplasia of Prostate	2	...	...	...	...	...	...	1	1	...	1	...	1	...	...	...	...	...
(30) Pregnancy, Childbirth, Abortion	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
(31) Congenital Malformations	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
(32) Other Defined and Ill-defined Diseases	69	15	1	...	...	4	9	9	31	2	12	3	15	7	8	11	4	7
(33) Motor Vehicle Accidents	3	3	...	...	1	1	...	1	...	...	1	1	2	...	...	...	...	...
(34) All Other Accidents	11	3	...	...	...	3	2	1	2	...	4	1	...	1	2	2	...	1
(35) Suicide	2	...	...	...	...	2	...	...	...	1	...	...	...	...	...	1	...	...
(36) Homicide and Operations of War	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS	546	36	3	1	3	44	134	151	174	29	65	55	136	44	44	100	22	51

Causes of, and Ages at, Deaths of Residents Registered beyond the District.

CAUSES OF DEATH.		All Ages	under 1	1 to 4	5 to 14	15 to 24	25 to 44	45 to 64	65 to 74	75 & up- wards	Northum- berland	Wallsend	Carville	Buddle	Holy Cross	Hadrian	Willington	Willington Quay	Howdon
(1) Tuberculosis, respiratory	...	3	...	...	...	1	3	...	...	...	...	...	2	...	...	...	...	...	1
(2) Tuberculosis, other	...	2	...	...	...	1	1	...	...	...	...	...	2	...	...	...	...	...	...
(3) Syphilitic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(4) Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(5) Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(6) Meningococcal Infection	...	1	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...
(7) Acute Poliomyelitis	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(8) Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(9) Other Infective and Parasitic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(10) Malignant Neoplasm, stomach	...	2	...	...	...	...	...	...	1	...	...	...	1	1	...	...	...	...	...
(11) " lung, bronchus	...	4	...	...	...	...	1	3	...	...	...	1	1	...	...	...	1	...	...
(12) " breast	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(13) " uterus	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...
(14) Other Malignant and Lymphatic Neoplasms	...	14	...	...	...	...	2	3	4	5	1	3	1	2	1	1	2	1	2
(15) Leukaemia, Aleukaemia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(16) Diabetes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(17) Vascular Lesions of Nervous System	...	22	...	...	...	...	3	6	6	7	1	4	2	5	2	3	...	1	4
(18) Coronary Disease, Angina	...	15	...	...	...	...	2	4	6	3	1	...	4	1	1	3	5	...	...
(19) Hypertension with Heart Disease	...	6	...	...	...	...	...	2	4	...	1	1	1	1	...	2	...	...	...
(20) Other Heart Disease	...	28	...	...	...	...	2	4	9	13	1	1	3	10	3	4	4	1	1
(21) Other Circulatory Diseases	...	2	...	...	...	...	...	1	...	1	...	...	...	1	...	...	1	...	...
(22) Influenza	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(23) Pneumonia	...	5	2	...	...	...	...	2	...	1	...	1	...	...	...	2	1	...	1
(24) Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(25) Other Diseases of Respiratory System	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(26) Ulcer of Stomach and Duodenum	...	3	...	...	...	...	...	2	1	...	...	...	1	...	...	...	1	...	1
(27) Gastritis, Enteritis and Diarrhoea	...	1	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...
(28) Nephritis and Nephrosis	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
(29) Hyperplasia of Prostate	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...
(30) Pregnancy, Childbirth, Abortion	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(31) Congenital Malformations	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...
(32) Other Defined and Ill-defined Diseases	...	22	6	...	...	...	3	5	6	2	1	2	...	5	3	3	2	2	4
(33) Motor Vehicle Accidents	...	3	...	...	...	1	1	...	1	...	...	1	...	2	...	...	...	...	...
(34) All Other Accidents	...	1	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...
(35) Suicide	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(36) Homicide and Operations of War	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS	...	140	11	1	...	2	19	34	39	34	7	17	19	29	10	19	18	7	14

Infantile Mortality during the Year 1951.

CAUSES OF DEATH.	Under 1 week	1 to 2 weeks	2 to 3 weeks	3 to 4 weeks	Total under 1 mth	1 to 3 mths.	3 to 6 mths.	6 to 9 mths.	9 to 12 mths.	Total Deaths under 1 year	Northum- berland	Wallsend	Carville	Buddle	Holy Cross	Hadrian	Willington	Willington Quay	Howdon
Influenza ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chickenpox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases ...	...	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...	...	...	...
Meningitis (not Tuberculous) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebrospinal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Convulsions ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laryngitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis ...	...	...	...	...	...	2	...	...	...	2	...	...	...	...	...	...	2	...	...
Pneumonia (all forms) ...	...	...	...	...	...	4	3	...	3	10	...	1	1	1	...	2	3	...	2
Other Respiratory Diseases ...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	1	...	...
Gastritis, Enteritis & Diarrhoea ...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...
Other Digestive Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nephritis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation, Overlying ...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	1	...	...
Atelectasis ...	1	...	...	...	1	...	...	...	...	3	...	...	...	...	...	...	1	1	...
Congenital Malformations ...	2	1	...	...	3	...	...	...	...	1	...	1	...	...	...	1	1	...	...
Birth Injury ...	3	...	...	...	3	...	...	...	...	3	...	1	...	...	...	...	1	2	...
Premature Birth ...	6	...	...	...	6	...	...	...	...	6	...	1	...	...	...	...	...	...	2
Atrophy, Debility and Marasmus ...	2	...	...	...	2	...	...	...	...	2	...	...	...	...	...	...	2	...	...
Violent Deaths ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Defined and Ill-defined Diseases ...	3	...	...	...	3	...	...	...	...	3	...	1	...	...	1	...	1	...	...
TOTALS ...	17	1	...	...	18	6	9	...	3	36	...	7	2	4	2	3	14	...	4

Cases of Infectious Disease notified for 52 weeks ending December, 1951.

DISEASE.	Number of Cases Notified.												Total Cases Notified in Each Ward.									
	At All Ages.	At Ages—Years.											Northumb-berland	Wallsend	Carville	Buddle	Holy Cross	Hadrian	Willington	Willington Quay	Howdon	
		Un-der 1	1 to 2	3 to 4	5 to 6	7 to 8	9 to 10	11 to 14	15 to 19	20 to 34	35 to 44	45 to 64										65 and over.
Smallpox ...	... 47	...	... 2	... 8	... 13	... 6	... 3	... 13	...	... 2	...	... 5	... 6	... 12	... 1	... 3	... 10	... 1	... 6
Scarlet Fever ...	1	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Diphtheria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ...	...	...	...	...	...	...	...	...	...	4	...	...	...	3	...	...	...	...	...
Puerperal Pyrexia ...	4	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...
Erysipelas ...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia ...	68	12	7	5	1	1	...	...	2	5	4	21	8	9	...	4	22	2	4	
Malaria ...	...	...	2	1	...	1	...	...	1	...	...	...	...	1	...	...	...	...	1
Dysentery ...	11	...	2	2	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...
Ophthalmia Neonatorum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica ...	...	3	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	
Meningococcal Infection ...	4	...	...	...	...	2	...	...	2	...	...	...	...	...	...	...	3	...	...	
Acute Poliomyelitis ...	5	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Acute Encephalitis ...	...	13	48	44	33	8	3	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	149	12	71	76	79	5	1	1	...	...	...	...	...	21	2	8	47	14	23
Measles ...	245	12	2	...	2	3	1	3	11	40	9	17	3	66	22	21	58	11	17			
Respiratory Tuberculosis ...	91	...	2	...	2	3	1	...	1	7	4	...	...	14	6	10	19	6	5	
Tuberculosis, other forms ...	15	...	...	...	...	1	...	...	...	...	...	...	1	3	1	...	2	...	1
Food Poisoning ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ...	644	40	133	133	134	27	9	17	17	59	20	42	13	47	68	59	129	38	165	34	58	

NOTIFIABLE DISEASES.

The following is a list of the infectious diseases compulsorily notifiable in the Borough :—

Smallpox, cholera, diphtheria, membranous croup, erysipelas, acute poliomyelitis, cerebrospinal meningitis, ophthalmia neonatorum, puerperal pyrexia, scarlet fever, acute polioencephalitis, encephalitis lethargica, tuberculosis (all forms), acute primary pneumonia, acute influenzal pneumonia, malaria, dysentery, food poisoning, and the fevers known by any of the following names :— typhus, typhoid, enteric, relapsing, continued or puerperal.

Measles and whooping cough were made notifiable by regulation in October, 1939.

Prevalence.—During the year 1951, there were 644 cases of infectious disease notified as compared with 1472 in 1950.

DISEASE.	TOTAL CASES NOTIFIED.	TOTAL DEATHS.
Acute Poliomyelitis	5	1
Polioencephalitis	—	—
Meningococcal Infection	4	1
Scarlet Fever	47	—
Diphtheria	1	—
Puerperal Pyrexia	4	—
Erysipelas	4	—
Pneumonia	68	25
Dysentery	11	—
Ophthalmia Neonatorum	—	—
Measles	245	—
Whooping Cough	149	—
Respiratory Tuberculosis	91	11
Tuberculosis, other forms	15	4
Food Poisoning	—	—
TOTALS	644	42

TUBERCULOSIS.

Pulmonary Tuberculosis.—91 new cases were notified during the year, as compared with 76 in the preceding year, whilst there were 11 deaths.

Non-Pulmonary Tuberculosis.—15 new cases were notified, as compared with 14 in 1950. 4 deaths occurred from non-Pulmonary Tuberculosis, as compared with 3 in the previous year.

Sanatorium Treatment.—During the year 127 cases received sanatorium treatment.

Statement of particulars appearing in the Register of Notification of cases of tuberculosis for the year 1951 :—

	PULMONARY.			NON-PULMONARY.			Pulmonary and Non-Pulmonary Total.
	Males	Females	Total	Males	Females	Total	
(1) Number of cases of Tuberculosis on the Register at the commencement of the year	161	114	275	24	18	42	317
(2) Number of cases notified under the Regulations of 1930 for the first time during the year	52	35	87	6	9	15	102
(3) Number of cases added to the Register otherwise than by notification	3	1	4	—	—	—	4
(4) Number of cases removed from the Register during the year ...	77	38	115	7	5	12	127
(5) Number of cases remaining on the Register at the end of the year	139	112	251	23	22	45	296

NEW CASES AND MORTALITY DURING 1951.

AGE-PERIODS	NEW CASES.				DEATHS. OLD AND NEW CASES.			
	PULMONARY		NON-PULMONARY		PULMONARY		NON-PULMONARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 1 year	...	...	...	...	...	...	...	...
1 to 4 years	2	...	1	...	...	...	...	...
5 to 9 "	3	3	...	1	...	...	...	...
10 to 14 "	...	3	...	...	...	...	...	...
15 to 19 "	4	7	...	1	...	...	...	...
20 to 24 "	9	5	1	3	...	...	...	1
25 to 34 "	12	14	3	1	3	2	1	...
35 to 44 "	8	1	1	2	2	1	1	...
45 to 54 "	11	1	...	...	...	...	...	...
55 to 64 "	4	1	...	...	1	...	...	...
65 to 74 "	3	...	...	1	2	...	...	1
75 & upwards	...	...	...	...	...	...	...	...
TOTALS ...	56	35	6	9	8	3	2	2

5 deaths occurred of persons belonging to, but residing outside the Borough, including 1 who had not been previously notified.

Of the 10 deaths of persons occurring in and belonging to the Borough 4 had not been previously notified.

		Pulmonary Tuberculosis					Non-Pulmonary Tuberculosis.				
		1947	1948	1949	1950	1951	1947	1948	1949	1950	1951
No. of Cases Notified	...	70	81	78	76	91	12	21	13	14	15
Attack Rate per 1,000 Population	...	1.49	1.67	1.59	1.55	1.87	0.25	0.45	0.26	0.29	0.31
No. of Deaths	...	27	24	29	15	11	3	5	1	3	4
Death Rate per 1,000 Population	...	0.57	0.49	0.59	0.31	0.22	0.06	0.10	0.02	0.06	0.08

POLIOMYELITIS.

5 cases of Poliomyelitis were notified during 1951, with one death from this cause. During the previous year there were 13 cases of Poliomyelitis and one case of Polioencephalitis, with one death.

VENEREAL DISEASES PROPAGANDA.

Circular No. 2727 of the 8th January, 1943 and Circular No. 2805 dated 15th April, 1943.

During the year posters have again been distributed and displayed throughout the Borough.

The clinics at which effective treatment can be obtained were prominently displayed on the poster.

SMALLPOX.

No case of Smallpox occurred during the year.

The following table shows the number of primary vaccinations carried out by General Practitioners, during 1923—1951.

		No. of BIRTHS	No. OF VACCINATIONS.	PERCENTAGE OF VACCINATIONS TO BIRTHS.
1923	...	1211	701	57.9
1924	...	1089	672	61.7
1925	...	1068	659	61.7
1926	...	1029	759	73.7
1927	...	945	642	67.9
1928	...	951	566	59.5
1929	...	900	472	52.4
1930	...	882	314	35.6
1931	...	885	514	58.07
1932	...	759	464	61.0
1933	...	717	309	43.09
1934	...	768	339	44.2
1935	...	711	253	35.3
1936	...	711	341	47.6
1937	...	726	324	44.6
1938	...	736	234	31.8
1939	...	781	266	34.1
1940	...	863	332	38.1
1941	...	847	406	47.9
1942	...	855	460	53.8
1943	...	893	437	48.9
1944	...	1065	497	46.6
1945	...	875	598	68.3
1946	...	1058	590	55.7
1947	...	1157	721	62.3
1948	...	1061	312	29.4
1949	...	1013	211	20.8
1950	...	922	277	30.0
1951	...	898	275	30.6

LABORATORY WORK.

During the year the examination of all bacteriological specimens was undertaken by the Public Health Laboratory, General Hospital, Newcastle upon Tyne.

The annexed table shows the nature and number of specimens submitted during the year, together with the results of bacteriological examination.

Disease Suspected.	Medical Practitioner.		M.O.H. Wallsend.		County Tuberculosis Officer.		Total.		Grand Total.
	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	
Diphtheria ...	...	17	...	8	...	...	...	25	25
Dysentery ...	9	13	13	48	...	...	22	61	83
Pulmonary Tuberculosis ...	...	7	...	...	208	984	208	991	1199
Scarlet Fever ...	5	48	33	110	...	...	38	158	196
Other Diseases ...	2	7	...	5	...	1	2	13	15
Totals ...	16	92	46	171	208	985	270	1248	1518

Food and Drugs Act, 1938, Section 17.—Food Poisoning.

ANNUAL RETURN OF FOOD POISONING NOTIFICATIONS (CORRECTED).

No notifications of Food Poisoning were received during 1951.

HEALTH PROPAGANDA.

Posters supplied by the Central Council for Health Education have again been displayed on the poster frames previously used by the Empire Marketing Board.

NATIONAL ASSISTANCE ACT, 1948, SECTION 47.

No action was necessary under this Section of the Act during 1951.

FOOD TRADERS' GUILD.

Regular meetings were held and as a result of the discussions a Constitution for the Guild was drawn up. The Constitution defined a member of the Guild as the owner or manager of premises selling food who held a Clean Food Badge (Members of the Sanitary Committee for the Wallsend Borough Council were also made members of the Food Traders' Guild). The Constitution emphasised the voluntary nature of the Guild, since the controlling power was in the hands of the Food Traders themselves. The Chairman of the Borough Sanitary Committee (Alderman J. A. McFadyen) was elected Chairman of the Food Traders' Guild, and

Mr. J. H. Dickinson (Managing Director, Whites of Jesmond Ltd., Bakers and Confectioners) Vice-Chairman. The Medical Officer of Health and Chief Sanitary Inspector were appointed as technical advisers to the Guild, responsible for the issue of Clean Food Badges.

By the end of the year the following premises in Wallsend held Clean Food Badges :—

Whites of Jesmond Ltd., 14 High Street West.

Whites of Jesmond Ltd. (Bakery), 9/23 Coronation Street.

Kemps Stores Ltd., 65 Carville Road.

C. G. Lang & Son, 18 High Street West.

John Whitfield, 10 Tynemouth Road.

Whites of Jesmond Ltd., 76 Tynemouth Road.

Wm. Darling, 6 Coast Road.

T. Close, 82 Station Road.

Elsdon's Snack Bar, 21 Chestnut Street.

A. G. Young, 14 Tynemouth Road West.

A. Harrison, 122 High Street East.

J. W. Turner & Sons, 114 High Street West.

London & Newcastle Tea Co., 91 Buddle Street.

Backleys Ltd., 38 Tynemouth Road.

D. Homan, 146 Station Road.

Moore's Stores Ltd., 10 High Street East.

J. S. Graham, 39 Hedley Street.

Meadow Dairy Co. Ltd., 112 High Street East.

Backleys Ltd., 118 High Street West.

G. E. Bowman, 10 High Street West.

Wallsend Ind. Co-op. Society Ltd., Butchering Department,
Neptune Road.

London & Newcastle Tea Co., 51 High Street West.

London & Newcastle Tea Co., 142 High Street East.

Mrs. K. E. Fairbridge, 83 Kings Road.

The Meadow Dairy Co. Ltd., 48/50 High Street West.

R. S. Brown, Pork Butcher, 154 High Street West.

R. J. Turnbull, 4 Northumberland Street.

HEALTH SERVICES PROVIDED BY THE NORTHUMBER- LAND COUNTY COUNCIL THROUGH THE WALLSEND AREA HEALTH SUB-COMMITTEE.

(The following information is included by kind permission of the County Medical Officer. This information, pages 29 to 35, is included in order to present as complete as possible a report on the health of Wallsend; the various services mentioned are provided by the Northumberland County Council and are not the direct concern of the Wallsend Borough Council).

WALLSEND AREA HEALTH SUB-COMMITTEE.

The Committee consists of 25 members, viz :—

Wallsend Borough Council	...	14
Northumberland County Council		8
Hospital Management Committee		1
Co-opted Members	... ..	2

Chairman : ALDERMAN J. RICHARDSON.

Vice-Chairman : COUNCILLOR W. S. MACKAY.

ALDERMEN :

A. M. HYDE.
R. A. LOWDON.
P. J. McARDLE.
J. A. McFADYEN.

COUNCILLORS :

C. CORNELL.
W. E. DICKINSON.
W. H. LANGLEY.
M. S. MONTY.
I. MOORE.
C. L. PALMER.
D. SOWERBY.
J. WALLER.

(County Council Representatives)

ALDERMAN T. H. MALIA ; COUNCILLORS T. CONNELL, J. C. GROGAN,
F. O. HOWE, J. MULLARKEY, W. RICKELTON, (*Ex-officio Members*)
ALDERMAN N. GARROW and COUNCILLOR A. BRIGGS, O.B.E.

(Hospital Management Committee)

MR. R. E. SMEDLEY.

(Co-opted Members)

MRS. M. I. FERGUS and MISS M. A. OLIVER.

STAFF.**Area Executive Medical Officer and Divisional School Medical Officer :**

DR. G. MCN. CUBIE.

Assistant Medical Officer :

DR. M. H. McKEITH.

Dental Officers :MR. K. WAKE. MISS J. MICKLER
and 2 Dental Assistants.**Senior Health Visitor :**MISS N. E. FORREST.
9 Health Visitors.**Wallsend Day Nursery :***Matron* : MRS. M. TELFORD.
Deputy Matron : MRS. H. K. SUMMERS.
6 Nursery Assistants. 3 Domestic Staff.**Howdon Day Nursery :***Matron* : MISS M. M. SKELLY.
Deputy Matron : MRS. J. SHERMAN.
6 Nursery Assistants. 3 Domestic Staff.**Ambulance Service :***Driver/Supervisor* : MR. A. PATTERSON, JUNR.
7 Driver Attendants.**Home Helps Service :**

3 Permanent Home Helps. 57 Temporary Home Helps.

Clerical Staff :*Chief Clerk* : MISS A. THOMPSON.
School Medical Service Clerk : MISS M. MIDCALF.
4 Clerks.**Part Time Staff :***Eye Specialist* : DR. A. K. TOWERS.
Orthopaedic Specialist : MR. M. JAMES.
Orthopaedic Nurse : MISS J. S. HARRIS.
Speech Therapist : MISS I. M. BEATY.

(1) AMBULANCE FACILITIES.

A day and night service was provided from the Ambulance Station, Portugal Place. The fleet consists of five vehicles, augmented as required from other County Ambulance Stations: 8 drivers are employed. Tel. No. Wallsend 63728.

20,070 cases were handled, including 2,626 stretcher cases, accidents and emergencies.

Mileage—77,248.

(2) CLINICS AND TREATMENT CENTRES.

(a) CHILD WELFARE.

(i) Health Centre, Wallsend.

Mondays and Wednesdays ... 2—4 p.m.

(ii) St. John's Church, Station Road, Wallsend.

Fridays ... 2—4 p.m.

(iii) The Presbyterian Church Hall, Tynemouth Road, Willington Quay.

Tuesdays and Fridays ... 2—4 p.m.

(b) ANTE-NATAL AND POST-NATAL.

At the Health Centre, Wallsend, and at Willington Quay Maternity Hospital. General Practitioners see their own patients at arranged times.

(c) SCHOOL CLINIC.

Daily at Health Centre, Wallsend, for treatment (including artificial sunlight) from 9-30 a.m. to 12 noon. Doctor in attendance on Wednesdays.

(d) DENTAL CLINIC.

Daily at Health Centre.

(e) ORTHOPAEDIC AND OPHTHALMIC CLINICS.

The Orthopaedic Clinic is held on one day per week, both morning and afternoon.

The Ophthalmic Clinic is held one half-day twice per week.

(3) SUMMARY OF ATTENDANCES AT MATERNITY AND CHILD WELFARE CENTRES.

	<i>Wallsend</i>	<i>Willington</i>	
	<i>Centre</i>	<i>Quay Centre</i>	<i>Total</i>
NEW CASES.			
Mothers	653	271	924
Babies under one year ...	534	233	767
Babies over one year ...	143	43	186
Consultation by doctors ...	526	269	795
OLD CASES.			
Mothers	5,548	2,651	8,199
Babies under one year ...	3,900	1,889	5,789
Babies over one year ...	1,899	825	2,724
Consultation by doctors ...	1,182	1,107	2,989
ANTE AND POST-NATAL SUPERVISION.			
Ante-Natal—Number of expectant mothers supervised			1,189
Total number of attendances ...			4,389
Post-Natal—Number of mothers supervised ...			512
Total number of attendances ...			514

DIPHTHERIA IMMUNISATION.

IMMUNISATION IN RELATION TO CHILD POPULATION.

Number of children who had completed a full course of immunisation at any time up to 31st December, 1951.

Age at 31.12.51 i.e. born in year	Under 1 1951	1 1950	2 1949	3 1948	4 1947	5 to 9 1942-1946	10 to 14 1937-1941	Total Under 15
Number immunised ...	141	292	548	622	777	3117	2844	8341
Estimated mid-year population 1951	4888					7581		12469
No. of children completing full course of immunisation during 1951	582					154		736
Estimated percentage of child population immunised as at 31.12.51	48.69					78.65		66.89

SECONDARY OR REINFORCING INJECTIONS.

In September, 1947, a scheme was introduced for the purpose of giving secondary or reinforcing injections to school children. During the year 1,151 children were re-protected.

HOME HELPS.

Altogether 3 permanent and 57 temporary Home Helps were employed during the year and 195 cases (32 full time and 163 part time) were assisted.

NURSERIES.

The two Day Nurseries, each for 49 children (19 under 2 years and 30 from 2 to 5 years) at Station Road, Wallsend, and at Willington Quay Park, continued to operate. During the year there was an average daily attendance of children as follows :—

	WALLSEND NURSERY.	WILLINGTON QUAY NURSERY
0—2 years	7	5
2—5 years	32	29
	—	—
	39	34
	—	—

SCHOOL HEALTH SERVICE.

TABLE 1.

MEDICAL INSPECTION OF PUPILS ATTENDING MAINTAINED PRIMARY AND SECONDARY SCHOOLS (INCLUDING SPECIAL SCHOOLS).

A.—PERIODIC MEDICAL INSPECTIONS.

Number of inspections in the prescribed Groups :—

Entrants	...	...	...	...	...	710
Second Age Group	...	...	...	...	...	516
Third Age Group	...	...	...	...	...	273
Total						1499
Number of other Periodic Inspections						352
Grand Total						1851

B.—OTHER INSPECTIONS.

Number of Special Inspections	...	...	...	...	786
Number of Re-inspections	...	...	...	...	1256
Total					2042

C.—PUPILS FOUND TO REQUIRE TREATMENT.

Number of Individual Pupils found at Periodic Medical Inspection to Require Treatment (excluding Dental Diseases and Infestation with Vermin).

GROUP (1)	For defective vision (excluding squint). (2)	For any of the other conditions recorded in Table IIA (3)	Total individual pupils. (4)
Entrants	37	171	197
Second Age Group	74	97	158
Third Age Group	47	38	81
Total (prescribed Groups)	158	306	436
Other Periodic Inspections	48	69	108
Grand Total	206	375	544

TABLE II.

A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE
YEAR ENDED 31ST DECEMBER, 1951.

Code No. Defect	DEFECT OR DISEASE (1)	PERIODIC INSPECTIONS		SPECIAL INSPECTIONS	
		No. of Defects		No. of Defects	
		Require- ing Treat- ment (2)	Requiring to be kept under observation, but not requiring treatment (3)	Require- ing Treat- ment (4)	Requiring to be kept under observation, but not requiring treatment (5)
4	Skin	66	11	36	2
5	Eyes—				
	(a) Vision	206	275	361	172
	(b) Squint	51	6	45	8
	(c) Other	12	1	13	1
6	Ears—				
	(a) Hearing	3	28	8	16
	(b) Otitis Media	13	11	8	12
	(c) Other	5	5	28	5
7	Nose or Throat	99	135	173	100
8	Speech	14	43	25	30
9	Cervical Glands	—	27	4	7
10	Heart and Circulation	1	17	—	17
11	Lungs	14	57	12	38
12	Developmental—				
	(a) Hernia... ..	3	6	2	3
	(b) Other	3	13	5	5
13	Orthopaedic—				
	(a) Posture	6	20	3	17
	(b) Flat Foot	13	35	22	8
	(c) Other	51	28	36	14
14	Nervous System—				
	(a) Epilepsy	4	1	1	3
	(b) Other	—	7	2	2
15	Psychological—				
	(a) Development	—	13	—	22
	(b) Stability	—	1	1	8
16	Other... ..	34	56	32	19

B.—CLASSIFICATION OF THE GENERAL CONDITION OF PUPILS
INSPECTED DURING THE YEAR IN AGE GROUPS.

AGE GROUPS (1)	No. of Pupils Inspected (2)	A (Good)		B (Fair)		C (Poor)	
		No. (3)	% of Col. 2 (4)	No. (5)	% of Col. 2 (6)	No. (7)	% of Col. 2 (8)
Entrants	710	135	19.01	561	79.01	14	1.98
Second Age Group	516	102	19.77	411	79.65	3	0.58
Third Age Group	273	71	26.01	198	72.53	4	1.46
Other Periodic Inspections	352	57	16.19	284	80.68	11	3.13
Total	1851	365	19.72	1454	78.55	32	1.73

TABLE III.

INFESTATION WITH VERMIN.

(i)	Total number of examinations in the schools by the school nurses or other authorised persons	18,449
(ii)	Total number of individual pupils found to be infested	1,177
(iii)	Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944)	—
(iv)	Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944)	—
	Number of individual pupils examined	7,869

TABLE IV.

DENTAL INSPECTION AND TREATMENT

CARRIED OUT BY THE AUTHORITY.

(1)	Number of pupils inspected by the Authority's Dental Officers:	
	(a) Periodic age groups	2,511
	(b) Specials	741
	Total (1)	<u>3,252</u>
(2)	Number found to require treatment	2,741
(3)	Number referred for treatment	2,741
(4)	Number actually treated	2,266
(5)	Attendances made by pupils for treatment	4,941

HEALTH DEPARTMENT,

TOWN HALL,

WALLSEND,

September, 1952.

To the Mayor, Aldermen and Councillors of the Borough of Wallsend.

Your Worship, Ladies and Gentlemen,

I beg to submit my report of work undertaken in the year 1951.

As in previous years, a large number of visits have been made to houses in connection with the " Points " Scheme.

The Council have not yet been able to commence with a Slum Clearance Scheme owing to the urgent need for new housing accommodation.

It is pleasing to record that the Ministry of Food has now set a standard for fat content in connection with the manufacture of Ice Cream.

During the coming year the Town Council proposes to administer the provisions of the Food and Drugs Act, 1938, in regard to the sampling of foodstuffs.

I am,

Your obedient servant,

W. L. BLACK,

Chief Sanitary Inspector.

REPORT

SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

The area is served by the Newcastle & Gateshead Water Company, who maintain a plentiful and wholesome supply throughout the year.

The service is adequate and satisfactory.

To ensure the maintenance of a high standard, regular chemical and bacteriological tests are made, and sources of impurities dealt with.

The Company invariably readily investigate any complaint, and effect a remedy.

To conserve the domestic supply in summer time, water is available from other sources for street watering, industrial uses, etc.

A proportion of the older dwelling houses in the Borough have the service pipes only laid into the yard.

When the shortage of houses becomes less urgent these houses will be dealt with either in Slum Clearance Schemes or the Owners will be requested to carry out works of reconstruction.

The following report was received from W. Gordon Carey, F.I.C., Public Analyst, Newcastle, on a sample of water taken on the 30th July, 1951, from a dwelling house in the Borough.

CHEMICAL RESULTS.

Parts per 100,000

Total Solids dried at 180°C.	...	...	16.0
Chlorine as chlorides	...	...	1.42
Free Ammonia	...	...	0.007
Albuminoid Ammonia	...	...	0.008
Nitrogen as nitrates	...	...	0.06
Oxygen absorbed (4 hours at 80°F.)	...	...	0.240
Total Hardness	...	...	11.6
Permanent Hardness	...	...	2.6
Temporary Hardness	...	...	9.0
Lead and Copper	...	...	None
Iron	...	...	0.01
Appearance and Colour	..	...	(Hazen degrees 10) Pale yellow and almost clear.
Smell and Taste	...	...	Satisfactory.
Microscopical examination of deposit	...	...	Satisfactory

BACTERIOLOGICAL RESULTS.

pH value.....7.0

Number of bacteria per millilitre (ml)

Visible on agar after 48 hours incubation at 37°C.12

Visible on gelatine after 72 hours incubation at 21°C.....15

Coliform Organisms as shown by the production of acid and gas in MacConkey's Bile Salt Lactose broth after 48 hours incubation at 37°C.—

0.1 ml. of sample	—	10 mls. of sample, absent.
1.0 ml. of sample, absent		100 mls. of sample, absent.

Confirmatory tests for *Bacillus Coli.* on — mls.

Indol Production	—	Voges Proskauer (V.P.)	—
Methyl Red (M.R.)	—	Citrate Test	—

REPORT—

This sample of water is of satisfactory organic and bacterial purity.

It is practically colourless and clear and it contains no sediment for microscopical examination.

I am of the opinion that the water is suitable for drinking and domestic use.

(Sgd.). W. GORDON CAREY.

DRAINAGE AND SEWERAGE.

The following new lengths of sewer have been laid in connection with our New Housing Estates :—

6" dia.	...	...	...	845 Yards Lin.
9" dia.	...	...	...	642 Yards Lin.
12" dia.	...	...	...	74 Yards Lin.
Total ...				<u>1,561 Yards Lin.</u>

RIVER (PREVENTION OF POLLUTION) ACT, 1951.

The above Act came into operation on the 1st August, 1951, deals with pollution in streams.

No complaints have been received during the year.

CLOSET ACCOMMODATION.

The following statement shows the existing sanitary accommodation in the district :—

No. of Dry Ashpits in the district	...	3
No. of Privy Ashpits in the district	...	5
No. of Cell Privies in the district	...	9
No. of Water Closets in the district	...	14,069
No. of Ash Receptacles in the district	...	15,325

The few dry ashpits, privy ashpits and cell privies which now remain are wholly confined to outlying farm properties where sewage facilities are not available.

PUBLIC CLEANSING.

Public Cleansing of the Borough is carried out by the Cleansing and Transport Department under my direction. The work of Public Cleansing comes under the jurisdiction of the Cleansing and Transport Committee.

The Cleansing Department has a fleet of modern refuse collection vehicles and motor waggons for general transport in connection with the work of the Council.

All refuse is disposed of by controlled tipping in accordance with the Ministry of Health's precautions for tipping.

SANITARY INSPECTION OF THE AREA.

Removal of Nuisances.—The various nuisances and other similar conditions dealt with under the Public Health Acts are set out in the following table :—

	Informal Notices.		Statutory Notices.	
	Nuisances	Nuisances Abated	Nuisances	Nuisances Abated
Ash Receptacles, to provide	63	44	14	10
Drains, defective, to repair	11	9	2	1
Dirty houses, to cleanse ... ..	...	...	...	...
Offensive accumulations, to remove ...	...	...	...	...
Roofs, to repair ... ..	...	...	...	...
Spouting to repair ... ..	...	...	...	...
Vermin infested houses ... ..	...	...	...	...
Water closet fittings (basins, etc. def.)	...	...	1	1
Water supply, to provide ... ..	...	...	1	1
Number of Nuisances ...	74	53	18	13

During the year 74 informal notices were served and 53 received attention. The remaining notices which had not become operative at the end of the year were subsequently compiled with.

18 statutory notices were served and 13 received attention.

HOUSING ACTS, 1930 TO 1949.
SECTION 9, HOUSING ACT, 1936.

751 informal notices were served relating to 2677 defects, on owners of properties under the Housing Acts.

290 informal notices relating to 1,157 defects were complied with.

429 statutory notices relating to 1,315 defects were served.

281 statutory notices relating to 779 defects received attention.

148 statutory notices remained outstanding at the end of the year.

In 27 instances the work was carried out by the Borough Surveyor's Department in default of the owners at a total cost of £676 16s. 5d.

	Informal Notices.		Statutory Notices.	
	Defects Discovered	Defects Remedied	Defects Discovered	Defects Remedied
Ashbin, to provide	137	46	31	23
Ceilings, to repair	57	30	34	23
Chimneys, to repair or re-build ...	44	15	26	8
Doors, to repair	322	135	163	90
Drains defective, to repair or reconstruct	54	33	18	18
Fireplaces (fire bars, etc.) to repair ...	15	3	5	2
Fireplaces (brickwork) to repair ...	18	8	13	3
Floors, to repair or ventilate	123	67	56	35
Outbuildings, to repair... ..	128	58	51	36
Ovens, to repair or renew	1	...	5	...
Range, kitchen, to repair	45	23	21	18
Roofs, to repair	324	126	181	99
Scullery sinks, to repair	29	18	15	5
Scullery bench, to repair	35	19	17	19
Scullery sink trap, to repair	46	26	15	11
Set pot (fire grate) to repair or renew...	16	9	4	2
Spouting, to repair	250	85	128	86
Stairs (internal) to repair	30	8	9	4
Stairs (external) to repair or renew ...	34	17	19	11
Staircases, to cleanse ... ..	...	...	...	...
Walls (external) to repair	224	76	121	58
Walls (internal) to repair	181	91	91	70
Washhouse set-pots, to renew... ..	4	...	...	...
Water closet fittings (basins, etc., def.)	131	67	51	42
Windows (woodwork), to repair	119	58	84	26
Windows (sashcords), to renew	110	44	49	41
Water pipes, to repair	53	20	12	9
Yard surface, to repair... ..	72	31	38	20
Miscellaneous	75	44	58	20
Total number of defects	2677	1157	1315	779
Total number of notices	751	290	429	281

THE RENT AND MORTGAGE INTEREST
(RESTRICTIONS) ACTS, 1920 TO 1933.

No applications for a certificate have been made during the year.

H O U S I N G .

TABULAR STATEMENT FOR YEAR 1951.

HOUSES COMPLETED DURING THE YEAR.		With State Assistance.	Unaided.	Total.
(a) By Local Authority ... Conversion of Ministry Of Works Hutments	Permanent	273	—	273
	Temporary	—	—	—
(b) By other Bodies or Persons	Permanent	—	1	1
	Temporary	—	—	—
				274

1.—INSPECTION OF DWELLING HOUSES DURING THE YEAR :

- | | |
|--|-----|
| (1) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) | 751 |
| (2) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | 12 |
| (3) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation | 429 |

2.—REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES :

Number of defective dwelling houses rendered fit in consequence of informal action by Local Authority or its officers	290
--	-----

3.—ACTION UNDER STATUTORY POWERS :

(A) PROCEEDINGS UNDER SECTIONS 9, 10 AND 16 OF THE HOUSING ACT, 1936.

- | | |
|--|-----|
| (1) Number of dwelling houses in respect of which “notices” were served requiring repairs | 429 |
| (2) Number of dwelling houses which were rendered fit after service of formal notices :— | |
| (a) By owners | 281 |
| (b) By Local Authority in default of owners | 27 |

(B) PROCEEDINGS UNDER PUBLIC HEALTH ACTS.

- | | |
|---|-----|
| (1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied | 74 |
| (2) Number of dwelling houses in which defects were remedied after service of formal notices :— | |
| (a) By owners | 13 |
| (b) By Local Authority in default of owners | Nil |

(C) PROCEEDINGS UNDER SECTIONS 11 AND 12 OF HOUSING ACT, 1936.

- | | | |
|--|--------|-----|
| (1) Number of dwelling houses in respect of which Demolition Orders were made | ... .. | 8 |
| (2) Number of dwelling houses demolished in pursuance of Demolition Orders | ... .. | Nil |
| (3) Number of dwelling houses closed but not demolished. Housing Act, 1949, Sec. 3 | ... .. | Nil |

(D) PROCEEDINGS UNDER SECTION 12 OF THE HOUSING ACT, 1936.

- | | | |
|---|--------|-----|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made | ... .. | Nil |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit | ... .. | Nil |

4.—NUMBER OF HOUSES PERMANENTLY DISCONTINUED AS DWELLINGS AND NOT INCLUDED ABOVE Nil

HOUSING ACT, 1949 (SECTION 20).

- | | |
|---|-----|
| (a) Number of separate dwelling houses in respect of which applications for grants have been received | Nil |
| (b) Number of separate dwelling houses in respect of which applications for grant have been approved | Nil |

HOUSING—

The number of families rehoused in 1951 was 412, comprising :—
 15 families containing inmates suffering from Tuberculosis.
 199 families living as sub-tenants.
 198 families living in overcrowded conditions.

In connection with applications for Council Houses, visits have been made by the Health Department staff in order to ascertain the condition of the house with a view to allocating "Points" under the Points Scheme.

'UNFIT' HOUSES.

During the year the following individual unfit houses were dealt with under the Housing Act, 1936 :—
 SECTION 11, HOUSING ACT, 1936.

(1) *Greenhouse, No. 222 Garden, Corporation Allotments.*

The Council made a Demolition Order on the 3rd April, 1951, in respect of a Greenhouse used for human habitation by the occupier of the Garden. The man obtained other accommodation at a Workmen's Hostel and the Greenhouse was demolished.

(2) *1/2 Hill Street, Willington Quay.*

Demolition Orders were made on the 1st May, 1951, in respect of the above-mentioned dwelling houses, and the tenants were allocated Council Houses.

(3) *5/6/7/8 Hill Street, Willington Quay.*

Demolition Orders were made on the 6th November, 1951, in respect of the above-mentioned dwelling houses, and the tenants were allocated Council Houses.

(4) *Waggonway Cottage, Wallsend.*

An official representation was made on the 20th November, 1951, by the Medical Officer of Health. The tenant will be allocated a Council House after the Demolition Order has become operative.

(5) *50/51 Palmers Terrace, Willington Quay.*

Demolition Orders were made on the 3rd December, 1951. The tenants will be allocated Council Houses after Demolition Orders have become operative.

SECTION 12, HOUSING ACT, 1936.

Nos. 1/3 George Road, Wallsend.

An official representation dated the 20th November, 1951, was made by the Medical Officer of Health in respect of the above dwelling houses. The condition of the houses and any offer with regard to the carrying out of works or the future users of the houses will be considered by the Town Council at their meeting to be held on the 8th January, 1952.

Cemetery Lodge, Wallsend.

The Lodge situated at the Church Bank Cemetery was permanently closed for human habitation during the year, and the tenant was allocated a Council House.

SLUM CLEARANCE.

The Sanitary Committee discussed the question of Slum Clearance at the meeting held on the 23rd January, 1951, and it was resolved that the Ministry of Health be again approached with reference to a Slum Clearance Programme and whether a percentage of the present housing allocation could be set aside for rehousing families at present living in unfit houses.

On the 10th April, 1951, a letter was received from the Principal Regional Officer, Ministry of Local Government and Planning, stating that the general position with regard to proposals in regard to slum clearance remained that the Minister was prepared to agree in principle to a programme of slum clearance in respect of small areas where a local authority is satisfied on certain points.

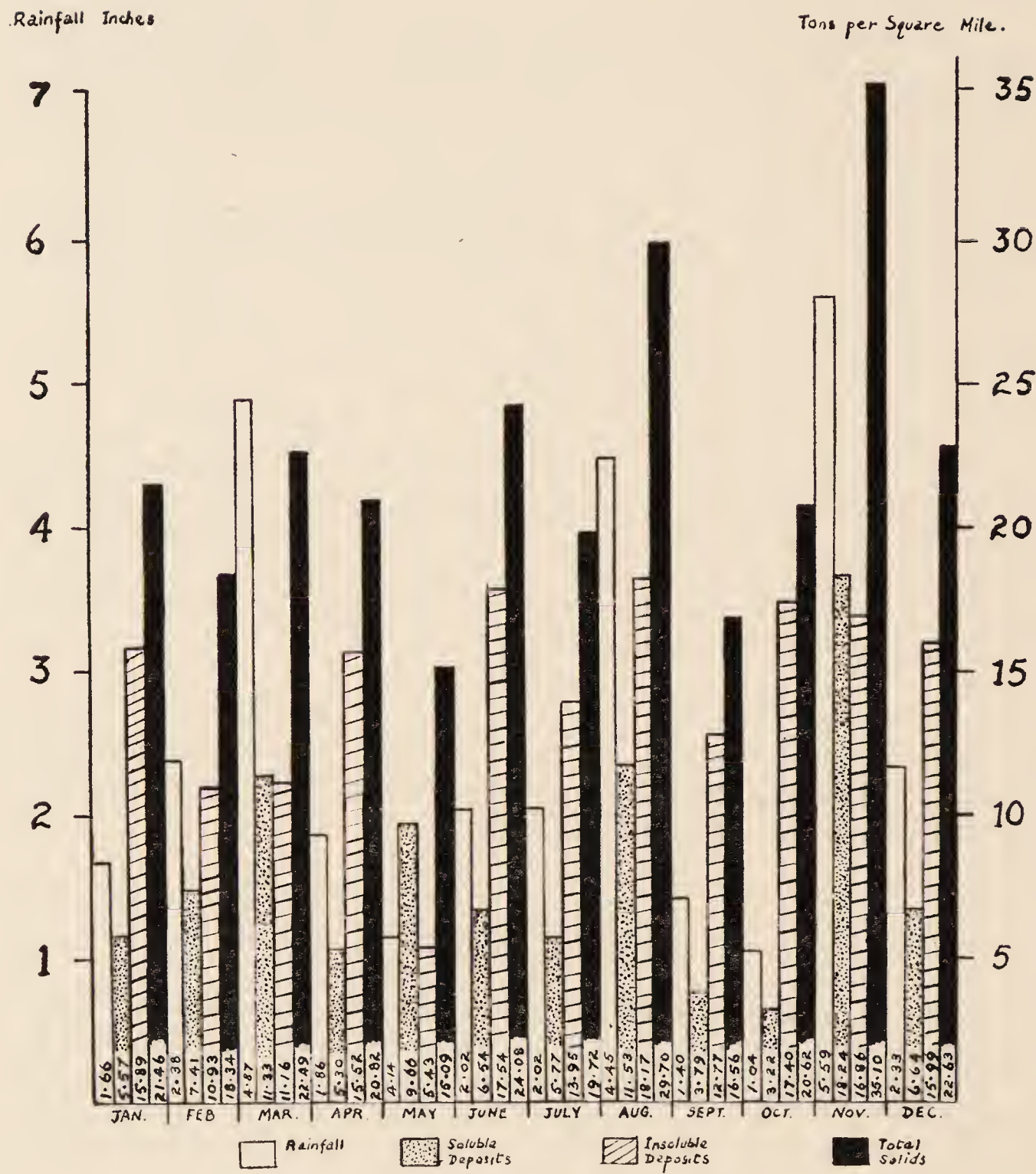
The letter also stated that in the present circumstances the Ministry was unable to make a special allocation of houses for this purpose.

The Committee recommended that the question of dealing with any part of the list of properties included in the Report to the Ministry of Local Government and Planning be referred to the Sanitary Sub-Committee for consideration.

SMOKE ABATEMENT.

ATMOSPHERIC POLLUTION RECORD—1951.

HEALTH CENTRE.



Comparison of the amount of matter deposited during the years 1949-1951 as measured with the Deposit Gauge at the Health Centre.

	1949	1950	1951
Total Rainfall in inches	21.29	32.08	33.76
Monthly Average	1.77	2.67	2.81
Total Solids in tons per sq. mile	186.14	207.29	266.61
Monthly Average	15.51	17.27	22.22
Insoluble Solids in tons per sq. mile	97.80	119.89	171.61
Monthly Average	8.15	9.99	14.30
Soluble Solids in tons per sq. mile	88.34	87.40	95.00
Monthly Average	7.36	7.28	7.92

NATIONAL SMOKE ABATEMENT SOCIETY. NORTH EAST DIVISIONAL COUNCIL.

On the 1st March, 1951, the Chairman (Ald. J. A. McFadyen) and Vice-Chairman (Coun. C. Cornell) together with Ald. J. Richardson and Health Officials attended a meeting of the National Smoke Abatement Society at Newcastle, where an interesting film was shown and a lecture given by Dr. D. T. A. Townend, D.Sc., Ph.D., F.R.I.C., Director General of the British Coal Utilisation Research Association.

The Sanitary Committee after receiving a report from the Chairman on the meeting held in Newcastle, passed the following resolution at their meeting held on the 20th March, 1951 :—

“ Your Committee recommend that the Housing and Town Planning Committee take into consideration the fitting of some approved type of smokeless or coal saving fire grate in Council Houses.”

The Chairman, together with the Sanitary Inspector, attended a meeting of the Executive Committee on the 12th April, 1951, and Ald. McFadyen gave a statement to the Committee of the work which was being carried out in Wallsend regarding the installation of smokeless grates.

The Housing and Town Planning Committee are taking an active interest in the installation of modern fireplaces in pre-war Council Houses and a scheme is in operation for the installation of modern fire grates in Council Houses.

On the 6th July, 1951, the Chairman, together with the Vice-Chairman (Ald. J. Richardson, J.P.) and Health Officials attended a meeting of the North East Divisional Council.

The Chairman and Sanitary Inspector were re-elected to the Executive Committee of the North East Divisional Council.

PUBLIC BATHS.

The Corporation provide a public swimming bath available for the public from April to October, during which time it is largely attended by swimmers of both sexes with special sessions for male, female, and mixed bathers. The water is heated and maintained at a temperature of 74-76 dgs. Fah., and a continuous aeration filtration and chlorination is maintained, so that there is a complete change over of the water every eight hours. The bath water is tested thrice daily and chlorine regulated to maintain the standard of sterilization.

Royles special chlorine apparatus is installed and chlorine is maintained at a standard of 0.2 to 0.5 parts per million of the water which is the sterilization standard recommended by the Ministry of Health.

SCHOOLS.

During school holidays the Elementary Schools are 'disinfected, as well as particular schools, class rooms, or departments when infectious diseases occur amongst the scholars.

DISINFECTION.

In every case of infectious disease disinfection of the premises is carried out. Infected clothing, bedding, etc., is removed in a motor van for disinfection to the Disinfecting Station, Town Hall, Wallsend, where a Velox Steam Disinfector is installed.

During the year, disinfection of premises was carried out as under :—

Scarlet Fever	...	...	...	...	...	47
Poliomyelitis	...	...	...	...	...	5
Diphtheria	...	...	...	...	...	1
Tuberculosis	...	...	...	...	...	91
Meningococcal Infection	...	...	...	...	...	4

In addition, 102 lots of bedding were dealt with.

Disinfection of Library Books.—All library books are removed from infected households for disinfection.

DISINFESTATION.

Eradication of Bugs.—15 houses infested with bugs were disinfested during the year.

Methods employed in Disinfestation.—Bug infested households were treated with Zaldecide and Municipal Insect Spray.

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

THE MILK AND DAIRIES REGULATIONS, 1949.

The following is a summary of the Milk and Dairies Register at the end of 1951 :—

Number of Registered Dairies	...	...	11
Number of Registered Distributors	...	...	15

THE MILK (SPECIAL DESIGNATION) RAW MILK REGULATIONS, 1949.

THE MILK (SPECIAL DESIGNATION) (PASTEURISED AND STERILISED MILK) REGULATIONS, 1949.

The following licences were issued for the year ending 31st December, 1951 :—

- 2 Dealers' Licences to bottle Tuberculin Tested Milk.
- 1 Dealer's Licence to bottle Pasteurised Milk.
- 1 Supplementary Licence to retail Tuberculin Tested Milk.
- 17 Dealers' Licences to retail Pasteurised Milk.
- 84 Dealers' Licences to retail Sterilised Milk.
- 1 Dealer's Licence to retail Tuberculin Tested Milk (Pasteurised).
- 1 Dealer's Licence to retail Tuberculin Tested Milk.

COW BYRES.

There are five cow byres in the Borough which are licensed by the Ministry of Agriculture and Fisheries.

BACTERIOLOGICAL EXAMINATION OF MILK, 1951.

GRADE OF MILK.	TUBERCLE BACILLI.			METHYLENE BLUE			% Unsatisfactory.
	Pos.	Neg.	Total.	Unsatisfactory.	Satisfactory.	Total.	
Heat Treated	—	—	—	—	—	—	—
Pasteurised ...	—	—	—	—	8	8	—
Untreated ...	—	6	6	2	4	6	33-1/3%
Accredited ...	—	—	—	—	—	—	—
Sterilised ...	—	—	—	—	—	—	—
	—	6	6	2	12	14	33-1/3%

PHOSPHATASE TEST.

8 samples were submitted for the Phosphatase Test, and all were found to be satisfactory.

FOOD AND DRUGS ACT, 1938, SECTION 14.

15 applications were received for registration of premises under Section 14 of the Food and Drugs Act, 1938.

15 premises were registered for the sale of pre-wrapped Ice Cream. A satisfactory refrigerator and a supply of running hot water being provided in each instance.

One application was received for permission to commence the business of fish frying. The application was not granted owing to the premises being unsuitable.

INSPECTION OF FOOD PREMISES.

We have formed a Food Traders Guild in the Borough and a Clean Food Badge is issued to Shopkeepers who comply with our Code of Practice. The number of badges issued at the end of the year was 27.

Efforts are being made to interest other food traders and lectures and film displays have been given with a view to creating the interest of shopkeepers and their staff in the clean handling of food.

FOOD HYGIENE.

DOGS IN FOOD SHOPS.

A circular No. M.F. 20/51 dated the 24th October, 1951, was issued by the Ministry of Food, suggesting that local authorities should issue a notice stating that dogs should not be admitted into food premises.

A notice on the lines suggested by the Ministry of Food has been issued by the Medical Officer of Health and a large number of food traders have exhibited the notice in their shop premises.

ICE CREAM.

15 samples were submitted for the Methylene Blue Test. 26.6% of the samples were unsatisfactory as shown in the following table :—

Grade I.	Grade II.	Grade III.	Grade IV.
7	4	3	1

4 Premises are registered for the manufacture and sale of Ice Cream.

69 Premises are registered for the sale of Ice Cream.

(a) MINISTRY OF FOOD CIRCULAR 1/51—5TH JANUARY, 1951.

The above Circular was issued by the Ministry of Food together with a copy of the Food Standards (Ice Cream) Order, 1951, which prescribed the minimum standards of composition for Ice Cream as follows :—

Ice Cream shall contain not less than 5 per cent. fat, 10 per cent. sugar and $7\frac{1}{2}$ per cent. milk solids other than fat :

Provided that :—

- (i) ice cream containing any fruit, fruit pulp or fruit puree shall either conform to the standard set forth above or, alternatively, the total content of fat, sugar and milk solids other than fat shall be not less than 25 per cent. of the ice-cream including the fruit, fruit pulp or fruit puree, as the case may be, and such total content of fat, sugar and milk solids other than fat shall include not less than $7\frac{1}{2}$ per cent. fat, 10 per cent. sugar and 2 per cent. milk solids other than fat ;
- (ii) "Parev" (kosher) ice cream sold, offered or exposed for sale under that description shall contain not less than 10 per cent. fat and not less than 14 per cent. sugar, and the standard for ice cream set forth above shall not apply to this product.

The Order came into operation on the 1st March, 1951.

- (b) MINISTRY OF HEALTH CIRCULAR 8/51—24TH JANUARY, 1951.
ICE CREAM (HEAT TREATMENT, ETC.) REGULATIONS, 1947-1951.
PROVISION OF THERMOMETERS—SITING AND FITTING—CONTROL THERMOMETERS.

The above Circular was issued by the Ministry of Health together with the Ice Cream (Heat Treatment, etc.) Amendment Regulations, 1951.

The Regulations came into operation on the 18th January, 1951, and the 1st March, 1951, has been decided as the date when Local Authorities may require the use of thermometers to indicate and record the temperatures to which Ice Cream mixture is subjected in the manufacture of Ice Cream.

The four local ice cream manufacturers were notified of the Regulations.

It will be noted from the report on food that 13 samples of Ice Cream were examined by the Public Analyst and 2 samples were not genuine. A fine of £2 0s. 0d. and 17/6 costs was imposed in each instance.

MEAT AND OTHER FOODS.

CENTRALISED SLAUGHTERING.

As in the previous year, all slaughtering of food animals is carried out in Newcastle under Government Control.

14 Pigs belonging to local Pig Keepers were licensed for slaughter in the Borough by the Ministry of Food.

The result of the post mortem inspection of the carcasses is shown in the following table :—

	Cattle exc'lg. Cows	Cows	Calves	Sheep and Lambs	Pigs
Number Killed (if known)	—	—	—	—	14
Number Inspected	—	—	—	—	14
All diseases except Tuberculosis Whole carcasses condemned	—	—	—	—	—
Carcasses of which some part or organ was condemned	—	—	—	—	1
Percentage of the number inspected affected with disease other than Tuberculosis	—	—	—	—	7.14
Tuberculosis only Whole carcasses condemned	—	—	—	—	—
Carcasses of which some part or organ was condemned	—	—	—	—	1
Percentage of the number inspected affected with Tuberculosis	—	—	—	—	7.14

UNSOUND FOOD.

The following unwholesome foodstuffs were condemned during the year :

					TONS	CWTS.	QRS.	LBS.
Beef (Home-killed)	...	...	...	...	—	1	—	23
Beef (Imported)	...	...	...	...	—	1	2	25
Mutton (Imported)	...	...	...	...	—	—	3	19
Pork (Home-killed)	...	...	...	...	—	—	3	12
Pork (Imported)	...	...	...	...	—	—	3	19
Pigs' Heads	...	...	...	...	—	—	—	20
Chitterlings	...	...	...	...	—	2	2	10
*Pigs	...	...	...	...	—	7	—	—
Ham	...	...	...	...	1	16	3	21
Chicken (tinned)	...	...	...	...	—	1	3	19
Rabbits	...	...	...	...	—	—	2	4
Bacon	...	...	...	...	—	—	—	2
Corned Beef	...	...	...	...	—	—	—	6
Black Pudding	...	...	...	...	—	—	—	24
Meat (Tinned)	...	...	...	...	—	18	—	7
Sausages	...	...	...	...	—	—	1	2
Soup	...	...	...	...	—	2	—	4
Cooking Fat	...	...	...	...	—	5	2	1
Fish (tinned)	...	...	...	...	—	1	—	6
Milk—1,111 Tins								
Fruit (tinned)	...	...	...	...	—	13	2	5
Fruit Juice	...	...	...	...	—	—	—	5
Tomatoes (tinned)	...	...	...	...	—	—	11	14
Tomato Juice	...	...	...	...	—	—	—	5
Jam	...	...	...	...	—	2	1	4
Jelly	...	...	...	...	—	—	3	2
Syrup	...	...	...	...	—	—	1	19
Sweets	...	...	...	...	—	—	1	10
Cheese	...	...	...	...	—	—	2	17
Mincemeat	...	...	...	...	—	—	1	8
Bread	...	...	...	...	—	—	—	26
Biscuits	...	...	...	...	—	—	—	2
Cake	...	...	...	...	—	2	1	18
Flour	...	...	...	...	—	—	—	15
Baby Food	...	...	...	...	—	—	—	6
Cereals	...	...	...	...	—	—	—	1
Vegetables (tinned)	...	...	...	...	1	6	—	16
Spaghetti	...	...	...	...	—	—	2	25
Macaroni...	...	...	...	...	—	—	—	21
Margarine	...	...	...	...	—	2	2	—
Puddings (tinned)	...	...	...	...	—	—	—	14
Pickles	...	...	...	...	—	—	—	19
Sauce	...	...	...	...	—	—	—	2
Salad Cream	...	...	...	...	—	—	—	5
Cocoa	...	...	...	...	—	—	—	14

* Condemned under the Diseases of Animal Act.

Condemned meat is sent to an Artificial Manure Manufacturer, Newcastle, and the remaining foodstuffs utilised for Kitchen Waste.

ADULTERATIONS, ETC.

Action taken under the Food and Drugs (Adulteration) Act, 1928, the Food and Drugs Act, 1938, the Artificial Cream Act, 1929, the Public Health (Condensed Milk) Regulations 1923 and 1927, the Public Health (Dried Milk) Regulations 1923 and 1927, and the Public Health (Preservatives, etc., in Food) Regulations, 1925 to 1939.

The above are administered by the Weights and Measures Department of the Northumberland County Council, and I am indebted to the Chief Inspector of that Department for the following statement showing the number, nature of samples, and action taken during the year :—

SAMPLE OF	No. of Samples	Genuine	Not Genuine	REMARKS
Aspirin Tablets B.P.	1	1		
Baking Powder ...	1	1		
Beef Sausages ...	2	2		
Beef Dripping ...	1	1		
Blackcurrant Jam ...	1	1		
Butter ...	3	3		
Bronchial Mixture ...	1	1		
Chest and Throat Herbal Tablets ...	1	1		
Cream of Chicken Soup ...	1	1		
Cheese (Processed) ...	1	1		
Cheese Spread ...	1	1		
Dutch White Fondant	1	1		
Dessert Gelatine ...	1	1		
Dry Mincemeat ...	1	1		
Epsom Salts ...	1	1		
Dutch Ham Sausage...	1	1		
Fish Cakes ...	1	1		
French Coffee...	1	1		
Frozen Lollies ...	1	1		
Fat Bacon ...	1	1		
Gooseberries ...	1	1		
Gelatine ...	2	2		
Ground Rice ...	1	1		
Honey ...	1	1		
Ice Cream ...	13	11	2	(1) Fined £2 & 17/6 costs (2) Fined £2 & 17/6 costs
Liver Sausage ...	1	1		
Liquid Paraffin ...	1	1		
Lemon Curd ...	1	1		
Lime Juice Cordial	1	1		
Lemon Cheese ...	1	1		
Milk ...	82	82		
Morfat 20 ...	1	1		
Meat Rissoles ...	1	1		
National Flour ...	1	1		
Orange Squash ...	1	1		
Orange Dessert Gelatine ...	1	1		
Pork Sausages ...	1	1		
Rice Creamola ...	1	1		
Pineapple Jam ...	1	1		
Rosette ...	1	1		
Pepper (White) ...	1	1		
Semolina ...	2	2		
Potted Meat ...	1		1	Excess of 6.4% water
Pepsi-Cola ...	1	1		
Saccharin Tablets ...	1	1		
Soft Drink Powder ...	1	1		
Suet ...	2	2		
Sherbet ...	1	1		
Sweetened Rice Cake Mixture ...	1	1		
Scotch Shortbread Mixture ...	1	1		
Sugar ...	1	1		
Strawberry Jam ...	1	1		
Self-Raising Flour ...	1	1		

SAMPLE OF	No. of Samples	Genuine	Not Genuine	REMARKS
Jelly	3	3		
Sieved Apple with Sugar	1	1		
Tea	1	1		
Raviloi with Tomato Sauce	1	1		
Tomato Paste	1	1		
Tomato Soup	1	1		
Vinegar, Malt	2	2		
Pease Pudding	1	1		
TOTALS	163	160	3	

Agreement between the Northumberland County Council for administration of the provisions of the Food and Drugs Act regarding the taking of samples, expired 30th September, 1951.

The taking of Food Samples will now be carried out by the Health Department staff.

DISEASES OF ANIMALS ACTS.

SWINE FEVER.

Two suspected cases of Swine Fever were reported during the year, but after investigation by the Divisional Veterinary Inspector of the Ministry of Agriculture and Fisheries the disease was not confirmed.

MOVEMENT OF ANIMALS (RECORDS) ORDER, 1925.

A local pig keeper was fined the sum of £2 0s. 0d. at the Wallsend Police Court for failing to keep records of the movement of swine.

SWINE FEVER ORDER, 1938.

A local pig keeper was fined the sum of £2 0s. 0d. at the Wallsend Police Court for an infringement of Section 17(3) of the above Order.

ANTHRAX.

No cases were reported during the year.

PARASITIC MANGE.

A suspected case of Parasitic Mange was reported but after investigation by the Ministry the disease was not confirmed.

MISCELLANEOUS.

SANITARY CONDITION OF THEATRES, MUSIC HALLS, ETC.

MINISTRY OF HEALTH CIRCULAR No. 120—AUGUST 25TH, 1920.

In accordance with the above Circular, inspections have been made of public halls and cinemas in the Borough.

Additional washing facilities for employees have been provided in several of the cinemas.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

The above Act came into operation on the 31st March, 1950.

The Council employ a full-time Rodent Operator and the following summary shows the type of infestations dealt with during the year :—

TYPE OF INFESTATION

Major	...	...	8
Minor	...	...	118
Mice	...	...	146

SEWER MAINTENANCE TREATMENT

Two Sewer Maintenance Treatments were carried out, viz :—

Treatment No.	No. of Manholes Baited.	No. of Manholes showing Prebait take.	No. of Manholes showing Poison take.
12	1,163	112	112
13	505	161	158

SHOPS ACTS 1912 TO 1938.

The following Regulations are in force in the Borough relating to the Shops Act :—

The Wallsend (General) Weekly Half Holiday Order, 1912.

The Wallsend Ironmongers and Hardwaremen Closing Order, 1912.

The Fish and Poultry Dealers Weekly Half Holiday Order 1912.

The Wallsend Butchers Shops Closing and Weekly Half Holiday (Extension) Order, 1920.

The Wallsend Tobacconists (Hours of Closing) Order, 1928.

The Wallsend Shops (Sunday Trading Restriction Act, 1936) Partial Exemption Order, 1938.

Emergency Powers (Defence) Act (Hours of Closing) Shops, 1939.

INSPECTION OF SHOPS.

In connection with our Clean Food Campaign, a large number of visits have been made to food shops during the year. 15 premises have installed running hot water and wash-up sinks.

Several structural improvements have also been carried out in order to improve the hygienic handling and storage of foodstuffs.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

The above Act which came into operation on the 1st November, 1951, has been made in order to secure the use of clean filling materials in upholstered articles and other articles which are stuffed or lined, and for purposes connected therewith.

We have no premises in the Borough which require registration and no action has been deemed necessary under the Act during the year.

PETROLEUM ACTS.

THE PETROLEUM (CONSOLIDATED) REGULATIONS, 1928.

The following licences were issued under the Petroleum Acts :

Petrol	...	...	...	...	...	37
Carbide of Calcium			...	...	...	3
						40
						40

The bulk of Petrol stored in the Borough is in underground tanks. The storage places are periodically inspected and any infringement of the Petroleum Acts is brought to the notice of the person concerned.

Licences are renewed each year by the local authority.

SANITARY CONVENIENCES.

The provision of additional Sanitary Conveniences in the Borough has received consideration by the Sanitary Committee. The general scheme approved by the Town Council has had to lie in obedience owing to the need for new houses. However, steps are being taken to rebuild one of the existing sanitary conveniences.

FACTORIES ACT, 1937.

A local factory employing a large number of female workers has provided additional sanitary accommodation, and arrangements have been made for further lavatories to be provided during the coming year.

Notices relating to 3 factories received from H.M. Inspector of Factories received attention.

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

PREMISES (1)	Number on Register. (2)	NUMBER OF		
		Inspections. (3)	Written Notices. (4)	Occupiers Prosecuted. (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by the Local Authorities	24	18	1	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	114	75	2	—
(iii) Other premises in which Section 7 is enforced by the Local Authority* (excluding out-workers' premises) ...	2	2	—	—
*i.e. Electrical Stations, Institutions and sites of Building Operations and Works of Engineering Construction				
TOTAL ...	140	95	3	—

2. CASES IN WHICH DEFECTS WERE FOUND.

PARTICULARS. (1)	NO. OF CASES IN WHICH DEFECTS FOUND.				Number of Cases in which Prosecu- tions were Instituted. (6)
	Found. (2)	Remedied (3)	REFERRED To H.M. Inspector. (4)	By H.M. Inspector. (5)	
Want of Cleanliness (S.1.) ...	—	—	—	1	—
Overcrowding (S.2.) ...	—	—	—	—	—
Unreasonable Temperature (S.3.)	—	—	—	—	—
Inadequate Ventilation (S.4.) ...	—	—	—	—	—
Ineffective Drainage of Floors (S.6.)	—	—	—	—	—
Sanitary Conveniences (S.7.)					
(a) Insufficient ...	—	—	—	—	—
(b) Unsuitable or defective	5	5	—	2	—
(c) Not separate for sexes ...	—	—	—	—	—
Other Offences against the Act (not including offences relat- to Outwork)	—	—	—	—	—
TOTAL ...	5	5	—	3	—

OUTWORK (SECTIONS 110 AND 111).

There is one Outworker in the Borough and she is engaged in making Wearing Apparel. The premises have been inspected and found satisfactory.

